

GOVERNMENT OF INDIA

India. METEOROLOGICAL DEPARTMENT

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# INDIA WEATHER REVIEW

FOR THE YEAR

1925

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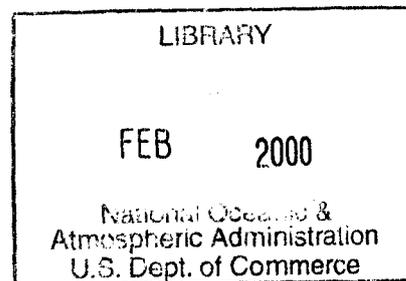
UNDER THE DIRECTION OF

**J. H. FIELD, M.A., B.Sc.,**

*Director General of Observatories.*

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CALCUTTA: GOVERNMENT OF INDIA  
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# INDIA WEATHER REVIEW

## 1925

### INTRODUCTION.

**T**HE India Weather Review for each year from 1923 onwards is composed of the Monthly Weather Reports, which are published promptly at the end of each month, and the Annual Summary, which is intended primarily for scientific reference and must always be somewhat delayed in publication in order to allow time for the collection and analysis of statistics from all provincial rainfall stations and extra-Indian stations, as well as of logs of steamers used in the discussion of storms in the Indian seas.

Each Monthly Weather Report gives a short account of the weather of the month and includes the following three tables :—

- I—mean monthly data of rainfall, temperature, humidity and cloud for the 15 chief political divisions,
- II—similar data for the 33 sub-divisions,
- III—monthly means for each of the 182 stations, which telegraph observations daily at 8 hrs. to headquarters; these means form the basis of the divisional means appearing in the above-mentioned Tables I and II.

The Annual Summary contains a short description of principal features of weather during the year with reference to variations in barometric pressure, temperature, humidity, cloud, rainfall and snowfall. The tables for the 15 chief political divisions and the 33 sub-divisions on which this description is principally based appear in the body of the text for ready reference. Other tables containing the yearly data for each station and the monthly data of non-telegraphing stations are given at the end of the volume. The climatic tables of Kodaikanal and Madras which used to appear in the annual administration reports of these observatories and an abstract of some other additional observations taken at Lahore, Bombay and Trivandrum appear as an appendix. The accounts of storms and of rainfall distribution that appear in the Annual Summary are based on much fuller information than was available at the time of publication of the Monthly Weather Reports; the rainfall summary is based on the data of about 2,900 stations, and tables 11 to 15 are, therefore, more accurate than the tables I and II of each Monthly Weather Report. Notes on solar, magnetic and seismic observations are supplied by the chief observatories in the Indian area.

### Notes on conditions of exposure of instruments, on methods of reduction and on form of presentation of data.

The following notes concerning the methods of observation in India and of reduction and grouping of results will probably be of some help to users of this volume.

The system of territorial divisions, which has remained unchanged since 1st April 1912, is as follows :—

Chief political divisions.	Sub-divisions.
Burma . . . . .	Bay Islands. Lower Burma. Upper Burma.
Assam . . . . .	Assam.
Bengal . . . . .	Bengal

Chief political divisions.	Sub-divisions.
Bihar and Orissa . . . . .	Orissa. Chota Nagpur. Bihar.
United Provinces . . . . .	United Provinces, East. United Provinces, West.
Punjab . . . . .	Punjab, East and North. Punjab, Southwest. Kashmir.
North-West Frontier Province . . . . .	North-West Frontier Province. Baluchistan.
Sind . . . . .	Sind.

Chief political divisions.	Sub-divisions.
Rajputana . . . . .	Rajputana, West.
	Rajputana, East.
Bombay . . . . .	Gujarat.
	Konkan.
	Bombay Deccan.
Central India . . . . .	Central India, West.
	Central India, East.
Central Provinces . . . . .	Berar.
	Central Provinces, West.
	Central Provinces, East.
Hyderabad . . . . .	Hyderabad, North.
	Hyderabad, South.
Mysore . . . . .	Mysore.
Madras . . . . .	Malabar.
	Madras, Southeast.
	Madras Deccan.
	Madras Coast, North.

Mercurial barometers on Fortin's principle with tubes of 0.4" bore throughout, have always been in use at most of the observing stations in India ; but of late years the department has introduced an increasing number of Kew pattern barometers. The names of the stations equipped with instruments of the latter class are :—

Aden	Gopalpur	Negapatam
Akyab	Gorakhpur	Noakhali
Amini Devi	Gyantse	Nowgong
Asansol	Jalpaiguri	Panjgur
Barisal	Kalat	Pasni
Ehamo	Khulna	Rangoon
Bushire	Kyaukpyu	Sandheads
Cochin	Lucknow	Satkhira
Cox's Bazar	Mangalore	Saugor, C. P.
Cuddapah	Midnapore	Seychelles
Dalbandin	Minbu	Tavoy
Delhi	Mirjawa	Toungoo
Diamond Island	Monywa	Victoria Point
Dinajpur	Moulmein	Yamethin
Fort Sandeman	Multan	Zanzibar
Gangtok	Mymensingh	

Aneroid barometers were in use at Ispahan, Tehran, Kashgar, Seistan and Drosh.

At Calcutta, Bombay and Trivandrum the standards are Newman instruments on the Fortin principle, with adjustable scales and fiducial points, and tubes of large bore.

All instruments are compared at Calcutta before issue and their corrections determined to the Calcutta standard, which was, until 1910, about .011" higher than the Kew standard. The present difference is probably less than this, but the determination of the exact amount is a matter of difficulty (see the Departmental Memoirs, Vol. XXI, pp. 127-8, 1916).

The barometers are in all cases situated in masonry buildings to protect them as much as possible from rapid changes of temperature.

The heights above mean sea level of the barometers are given in Tables A and B at the end of the volume. Those heights, which have been obtained accurately by actual measurement from datum levels determined by the Great Trigonometrical Survey of India are given in ordinary type ; the heights of a few stations have been determined barometrically and are printed in italics.

All readings are reduced to 32° F and, from 1st January 1905, have been corrected to standard gravity.

There are now two standard methods of exposing thermometers in India. The old, and still the more general, method lay in the use of large open-sided sheds to protect the instruments

Temperature. from extraneous radiation. A detailed description of the shed and of the methods of exposure will be found in the Instructions to Observers of the India Meteorological Department and in the Annual Report on the Meteorology of India for the year 1887, page 37. The cost of the sheds and of their upkeep rose greatly after the war, and it became necessary to consider other devices for efficiently shading thermometers. Experiments with other types of shed and with various louvred Stevenson screens were carried out at Agra and described in Vol. XXIV, Part III, of the Memoirs of this department. As a result it was decided to replace all sheds in India by Stevenson screens, as opportunity offered. The pattern of screen adopted for use in India has free inside measurements of about 22" length, 14" depth and 17" height, and is somewhat larger than the pattern approved in 1884 by the Thermometer Screen Committee of the English Meteorological Society, and larger too than the "small model" in common use in Germany. It is made of teak wood painted white and has four double-louvred sides and a perforated top and bottom. A sloping extra cover of wood protects the top from sun and rain. The door on the north side has 14 louvres and the remaining sides have 16 louvres each. A beginning was made with this policy in the year 1923 and by the end of the year 1925 sheds were replaced by Stevenson screens at 68 stations. All thermometers in use have been verified by comparison with Kew standard thermometers at Calcutta and are re-standardised from time to time ; all thermometer readings are corrected to their true values.

Observations of terrestrial radiation thermometers, which are, as a rule, not very reliable, were recorded during the year 1925 at Calcutta, Lahore, Srinagar and Bombay and the results are given in Table A. The normals used are based on 49 or 50 years' data, except at Srinagar where the records extend over nearly 30 years.

Observations of the temperature of the surface of the ground were recorded during the year 1925 at four stations, Lahore, Jaipur, Calcutta (Alipore) and Bombay; and of the temperature underground at Bombay only. The thermometers used for the purpose are verified standard mercurial thermometers with attached scales of porcelain, the scale being engraved also on the tube. At Lahore the surface thermometer is read four times daily, at Jaipur at 10 and 16 hrs., and at Calcutta at 13 hrs. 45 mins. At Bombay the two nearest to the surface are read five times a day, the deeper instruments being read once only. The thermometers below the surface have their bulbs protected with pointed copper shoes which rest on the ground at the bottom of a wooden tube, inserted to the specified depth and projecting six inches above the surface, the upper ends being closed by a cap of metal or wood. An analysis of underground temperature observations by Mr. R. Ll. Jones (Meteorological Memoirs, Vol. XV, Part III) led to inconsistent results due probably to irregularities from percolation of rainfall as well as to imperfections in the mode of measurement. Hence departures from the averages of past years, as given in Table 6, are more likely to give indications of value than the actual temperatures recorded. The number of years included in the averages is 42 to 74 for Bombay, 41 for Jaipur and Lahore and 10 for Calcutta.

All anemometers used in India are compared before issue with the standard Beckley anemograph at the Alipore Observatory, but as only the instruments with small corrections are issued and as it is impracticable to prevent slight alterations in exposure resulting from growth of trees or erection of buildings, it has been considered unnecessary to apply any correction to the observed values.

Up to 1911 the factor representing the ratio of air movement to travel of Beckley cups had in India, as in other countries, been taken at 3.0; but from that year the generally accepted factor of 2.2 has been used (see note on page 8, Monthly Weather Review, January 1912). The wind data published consist of observations of the direction of the wind at 8 hrs. and of the mean hourly air movement as registered by Robinson anemometers during the 24 hours ending at 8 hrs. For 11 stations in Table A the wind data include for each month and year the frequency of the wind direction from 8 compass points at 10 hrs. and 16 hrs. and the departure from the normal of the mean monthly velocity. The resultant direction is calculated in all cases by the use of Lambert's formula in which equal values are given to each wind observation irrespective of velocity.

Observations of the velocity and direction of winds in the upper air are made at a few stations in India. The results are based upon observations of balloons by a single theodolite, heights being determined by the tail method; details of the method are described in pp. 146 to 151 of Vol. XXIV, Part V. of the Memoirs of the Indian Meteorological Department. The results obtained up to the end of 1919 have been published in Vol. XXIII, Part III, of the memoirs of this Department. The results for 1920 appear in the Monthly

Weather Reviews for that year, and those for 1921—1924 in the respective India Weather Reviews.

At the beginning of the year 1925 upper air observations were made at the ten stations, Agra, Simla, Lahore, Bangalore, Diamond Harbour (Calcutta), Akyab, Quetta, Peshawar, Poona and Jask (Persia). Observations were discontinued at Jask in June, but a new station was opened at Drigh Road (Karachi) in September.

The hygrometric data are calculated by means of the departmental "Tables for the reduction of meteorological observations in India." The proportion of cloud is estimated in tenths of the sky expanse, an overcast sky being denoted by 10 and a cloudless sky by 0.

Symons's raingauges are now used at all raingauge stations, with the exception of those in Mysore and Travancore. The time of measuring rainfall is 8 hrs., local time, throughout India, and the amounts then registered give the rainfall of the previous 24 hours.

The rainfall data for each province are generally tabulated in the office of the Director of Land Records, or other officer in the province, and published in the provincial gazettes. The data of Baluchistan, Kashmir, Rajputana, the North-West Frontier Province and Central India are, however, published by the Simla Meteorological Office. These provincial tables are collected together and are issued annually in a separate volume entitled "Rainfall of India." The thirty-fifth volume, that of 1925, contains the whole rainfall data of more than 2,900 stations which are utilised in preparing tables 11 to 15 on pages 142 to 150. In these provincial tables and in the rainfall observations at the meteorological observatories published in this volume a "rainy day" is taken to be one on which 0.10 inch or more of rain is recorded.

Table A contains the monthly and annual means of 10 hrs. and 16 hrs. observations recorded at 11 stations. In columns 17, 25, 27 and 32 these means are reduced to the "true" mean of the day by the application of corrections, given in Vol. XVII of the Memoirs of the Indian Meteorological Department and determined from hourly observation data given in Vols. V, IX and X of these memoirs. The data at once furnish the necessary corrections for the stations at which these observations were recorded; at the remaining stations, the corrections were determined from the values at the nearest stations with similar conditions of exposure, etc., at which the hourly observations were recorded. The departures from normal are based upon normal values derived from all available data down to 1899 as published in the Indian Meteorological Memoirs, Vol. XVII. In finding the monthly means of maximum and minimum temperatures in this table, a day is reckoned from midnight to midnight; in all other tables it is reckoned from 8 A.M. to 8 A.M. Thus the month will end at midnight ending on the last day of the month in the former case and at 8 A.M. of the last civil day of the month in the latter. The small differences between the monthly means for the same stations in this table and in the other tables are due to this cause.

Table III of the Monthly Weather Reports and Table B at the end of this volume give for each month of the year the means of 8 hrs. observations recorded at 209 stations in India and the neighbouring countries, and Table C gives similar data from observations recorded at 20 fourth class

observatories. The departures from the normal given in these tables are based upon the normal values determined from all available data down to 1920. Table D gives monthly and annual rainfall at 34 fifth class stations.

GOVERNMENT OF INDIA  
METEOROLOGICAL DEPARTMENT

# INDIA WEATHER REVIEW

## ANNUAL SUMMARY FOR 1925

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J. H. FIELD, M.A., B.Sc.

Director General of Meteorology

GOVERNMENT OF INDIA  
METEOROLOGICAL DEPARTMENT

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# MONTHLY WEATHER REPORT

FOR  
January 1925.

Supplement to the Indian Daily Weather Report for the 13th February 1925.

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*Summary.*—The western disturbances of the month failed to give as much rain as usual in northwest India, which is ordinarily the chief region of winter rains; on passing eastwards, however, they gave rise to wetter weather than usual in northeast India. In the Peninsula rainfall was practically limited to a burst of wet weather in south Madras about the 13th, associated with the westward passage of a depression south of Ceylon. In spite of the deficiency in rainfall the cold spells associated with the passing disturbances were well pronounced during the second fortnight in northern and central India and the adjacent parts of the Peninsula. During the month weather was also very cold in Persia and Iraq.

2. The disturbance which was giving nearly general rain in the extreme north at the close of the last month moved eastwards and produced a few falls in Assam between the 1st and 3rd, and in south Bengal on the 5th. The first western disturbance of the month began to affect northwest India on the 3rd and, passing through Rajputana two days later, intensified and produced on the 6th nearly general snow in the Kumaon hills, with a few falls of rain in the southeast Punjab. Aided by the unsettled conditions lingering after the previous disturbance, it also occasioned on that date locally heavy and widespread rain in south Bengal, with a few falls in Bihar and Orissa. Rainfall continued in southeast Bengal and extended into the extreme northern districts of Burma on the next day. The second disturbance appeared in Persia on the 6th when fairly heavy rain fell there. During the next two days it caused local rain in Baluchistan and the North-West Frontier Province. A few falls of rain which occurred in Assam and south Bengal between the 12th and the 14th were also apparently associated with the eastward movement of this disturbance. The third disturbance appeared in Persia on the 11th and crossed the frontier on the 16th; it was then feeble but intensified into a depression by the morning of the 17th, and passing through Rajputana during the day disappeared in the western Himalayas on the 18th. Between the 16th and the 18th there was fairly widespread rain and snow in the east and north Punjab and the Kumaon hills, with local falls in the southwest Punjab, Kashmir, the North-West Frontier Province and Baluchistan. A residual feeble depression which was left over Rajputana moved eastwards across the central parts of the country and reached as far as north Burma; it caused, between the 18th and the 22nd, widespread rain in Assam and local rain in Bihar and Chota Nagpur, with a few falls in the United Provinces, Bengal and north Burma. The fourth disturbance of the series appeared on the frontier on the 18th and gave local rain and snow in the North-West Frontier Province, Kashmir and the north and central Punjab in the next two days. The last depression of the month passed into Baluchistan on the 24th and caused, by the 27th, nearly general rain or snow in the Himalayas from Mussooree to Kashmir, with local falls in the North-West Frontier Province, northeast Baluchistan and the northern and central districts of the Punjab.

3. In the Peninsula the weather was affected for a few days by a disturbance which formed on the morning of the 10th in the southwest of the Bay, moved slowly westwards and developed into a depression on the morning of the 12th to the southwest of Ceylon. Thence the depression moved into the Arabian Sea where it probably weakened and disappeared by about the 15th. In passing westwards the depression caused nearly general rain in Madras Southeast and a few falls in south Malabar between the 11th and the 14th. Between the 16th and 18th there were a few falls of rain on the north Madras coast.

4. The total rainfall of the month was in large excess in Bengal and Bihar, and in moderate excess in Assam and Madras Southeast; it was nearly normal in the Bay Islands and Upper Burma, in slight to moderate defect in Orissa, the Punjab Southwest, Kashmir and the North-West Frontier Province, and in large defect elsewhere. Weather was wholly dry in Rajputana, Bombay, the central parts of the country, and the Peninsula excluding Madras. Averaged over the plains of India the total rainfall of the month was in defect by 48 per cent.

5. Skies were in general more clouded than usual in the Bay Islands, Burma, Assam, Bengal, the Bombay Deccan, Mysore and Malabar; while cloud proportion was in defect in the United Provinces and most of northwest and central India. Humidity was in excess in the North-West Frontier Province, but was in moderate to large defect in Gujarat, Central India, Berar, the Central Provinces West, the Konkan, Mysore and the whole of the Deccan.

6. During the first week of the month temperature over the greater part of the country did not differ from the normal to any very great extent. The first of the western disturbances of the month was followed by low temperatures which prevailed over northwest India and the central parts of the country from the 7th to the 9th. The second disturbance also caused an appreciable fall in temperature over the whole of northern India between the 13th and the 16th. The cold waves which followed the third and fourth disturbances affected the frontier on the 17th and advanced rapidly southwards and eastwards over the tract of country to the west of the line joining the United Provinces and the Konkan. The low temperatures then spread more slowly further eastwards and by the 24th covered the whole country except the southern half of the Peninsula. Several stations recorded temperatures lower than any known in previous years for this month; thus Agra one day reported a minimum of  $32.7^{\circ}$ , Pasni one of  $40.0^{\circ}$ , Bhuj  $37.3^{\circ}$ , Ratnagiri  $55.1^{\circ}$  and Poona  $38.9^{\circ}$ . Mean temperature was below the normal value by about  $12^{\circ}$  in Baluchistan on the 17th, in north Gujarat and south Rajputana on the 18th and east Gujarat and the northwest of the Peninsula from the 21st to the 23rd. On the 25th temperature began to rise and was roughly normal over the greater part of the country till the close of the month. The warm waves which usually precede the western disturbances were not very strongly marked, the most pronounced being that which travelled from Baluchistan to the central parts of the country between the 26th and 28th. Temperature was somewhat high also in south Bengal and Orissa during the first week. On the mean of the month maximum temperature was generally lower than usual in the northern half of the country and in the Konkan, and above normal in Mysore. The defect from the normal was greatest in Baluchistan where it averaged  $6^{\circ}$ . The minimum was also below normal to the west of the line joining the east of the United Provinces with the south Konkan. In this case also the greatest defect from the normal was noticed in Baluchistan and averaged  $5^{\circ}$ .

### Summary of the local conditions.

*Burma, including the Bay Islands.*—Rainfall was normal in Upper Burma and the Bay Islands; there was practically no rain in Lower Burma. Skies were more clouded than usual, and in the Bay Islands and Upper Burma maximum temperature was below normal.

*Northeast India, including Orissa.*—The total rainfall of the month exceeded twice the usual amount in Bengal, and was in moderate to large excess in Assam and Bihar; it was in moderate defect in Orissa, and in large defect in Chota Nagpur. Skies were more clouded than usual in Assam and Bengal, and maximum temperature was below normal over the whole division.

*The United Provinces, Central India and the Central Provinces.*—There was no rain in Central India and the Central Provinces, and even in the United Provinces the month's fall was in large defect. Cloud proportion was nearly normal in Berar and the Central Provinces East, but was in defect elsewhere. Humidity was in defect in Central India, Berar and the Central Provinces West. Maximum temperature was below normal in the United Provinces and Central India; the minimum was lower than usual everywhere.

*Northwest India.*—The total rainfall during the month was in slight to moderate defect in the Punjab Southwest, Kashmir and the North-West Frontier Province, and in large defect in the Punjab East and North and Baluchistan; no rain fell in Sind, Rajputana and Gujarat. Cloud proportion was in defect in the Punjab East and North, the North-West Frontier Province, Baluchistan, Sind and Rajputana. Humidity was in excess in the North-West Frontier Province, and in defect in Gujarat. Both maximum and minimum temperatures were lower than usual except in Kashmir where they did not differ appreciably from the average.

*The Peninsula.*—Rainfall was in slight excess in Madras Southeast, and in large defect in Malabar and the Madras Coast North. There was no rain elsewhere. Skies were more clouded than usual in the Bombay Deccan, Mysore and Malabar. Humidity was in defect except in south Madras and the Madras Coast North, where it was nearly normal. Maximum temperature was below normal in the Konkan, but above it in Mysore; the minimum was lower than usual in the Konkan, the Bombay Deccan and Hyderabad.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions; and Table II similar data for the 33 subdivisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report; the divisional means, Tables I and II, are based on these observations.

SIMLA ;  
 The 6th February 1925. }

C. W. B. NORMAND,  
 for Director-General of Observatories.

TABLE I, JANUARY.

Division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma .. ..	0·08	0·22	-0·14	-64	-1·6	0	-2	+0·7
Assam .. ..	1·13	0·78	+0·35	+45	-2·9	+0·2	-2	+1·3
Bengal .. ..	0·71	0·31	+0·40	+129	-2·7	-0·4	-1	+0·6
Bihar and Orissa ..	0·45	0·53	-0·08	-15	-2·6	-1·0	0	-0·3
United Provinces ..	0·20	0·94	-0·74	-79	-2·3	-3·0	-4	-0·9
Punjab .. ..	0·50	1·16	-0·66	-57	-3·2	-2·3	0	-1·0
North-West Frontier Province	0·61	1·03	-0·42	-41	-3·5	-2·5	+9	-1·3
Sind .. ..	0	0·33	-0·33	-100	-2·1	-3·0	-4	-1·0
Rajputana .. ..	0	0·28	-0·28	-100	-3·2	-4·4	0	-1·5
Bombay .. ..	0	0·09	-0·09	-100	-2·1	-3·4	-7	+0·2
Central India .. ..	0	0·50	-0·50	-100	-2·8	-3·9	-8	-1·5
Central Provinces ..	0	0·48	-0·48	-100	-1·5	-3·2	-5	-0·4
Hyderabad .. ..	0	0·25	-0·25	-100	+0·1	-3·1	-7	-0·3
Mysore .. ..	0	0·22	-0·22	-100	+2·5	+0·2	-8	+1·6
Madras .. ..	0·69	0·73	-0·04	-5	+0·3	-0·4	-1	+0·6
Mean of India .. ..	0·26	0·50	-0·24	-48	-1·9	-2·0	-3	-0·2

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY. CLOUD.			RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
<b>BIHAR.</b>																				
Furnea (b) .. .. .	29.838	-0.076	S. 68 W.	(c) 1.6	51.8	50.8	71.9	-2.6	77.5	43.7	-2.4	39.3	93	+2	1.8	0.12	-0.27	0	-0.7	0.06
Darbhanga .. .. .	29.841	-0.058	N. 87 W.	(c) 1.0	50.2	52.1	69.5	-3.3	75.0	48.1	-2.6	41.4	81	-6	1.9	0.34	-0.12	1	0	0.32
Patna .. .. .	29.791	-0.058	S. 53 W.	2.5	55.9	51.8	70.2	-2.5	74.8	50.2	-0.7	42.8	78	-4	1.3	1.08	+0.55	3	+1.9	0.66
Gaya .. .. .	29.590	-0.073	N. 62 W.	1.9	55.8	50.7	72.2	-3.3	80.6	50.9	-0.7	44.7	68	-6	1.3	0.03	-0.60	0	-1.3	0.03
Naya Dumka .. .. .	29.439	-0.091	N. 53 W.	1.3	56.3	52.5	72.5	-3.3	79.8	50.1	-1.0	42.0	77	+3	1.8	2.39	+1.86	4	+1.9	1.15
<b>UNITED PROVINCES, EAST.</b>																				
Gorakhpur .. .. .	29.701	-0.064	S. 86 W.	1.9	51.1	48.6	70.7	-2.1	79.2	45.3	-3.4	37.3	82	-1	1.2	0.50	-0.17	1	-0.3	0.48
Benares .. .. .	29.716	-0.054	S. 78 W.	0.6	54.4	50.1	72.9	-1.4	81.1	45.9	-2.0	37.7	72	-11	2.2	0.39	-0.28	1	-0.5	0.14
Allahabad .. .. .	29.650	-0.079	N. 84 W.	2.3	51.5	47.3	73.5	-0.9	83.8	45.1	-2.9	36.0	72	-6	2.2	0	-0.78	0	-1.6	0
Cawnpore .. .. .	29.537	-0.076	N. 82 W.	1.6	50.3	46.5	71.0	-2.8	81.4	45.1	-2.1	37.9	74	-5	1.1	0	-0.51	0	-1.5	0
Lucknow .. .. .	29.578	-0.085	N. 77 W.	1.0	49.9	46.7	71.1	-2.6	81.2	45.6	-1.4	37.7	77	-2	1.0	0	-0.77	0	-1.5	0
Bahraich (b) .. .. .	29.525	-0.083	S. 89 W.	(c) 1.3	49.8	47.2	69.7	-2.8	76.0	45.7	-1.7	38.7	81	-4	0.7	0.05	-0.87	0	-1.9	0.03
<b>UNITED PROVINCES, WEST.</b>																				
Jhansi (b) .. .. .	29.144	-0.663	S. 68 W.	(c) 1.8	55.4	47.2	74.2	-1.9	86.8	44.0	-6.9	36.1	49	-16	0.9	0	-0.69	0	-1.3	0
Agra .. .. .	29.390	-0.094	S. 76 W.	3.8	45.9	42.6	70.2	-4.0	81.5	40.0	-3.8	32.7	74	-5	0.9	0	-0.54	0	-1.3	0
Mainpuri .. .. .	29.428	-0.081	N. 62 W.	1.3	48.7	44.9	71.1	-1.3	81.8	43.6	-2.8	36.9	74	-3	1.5	0	-0.63	0	-1.5	0
Bareilly .. .. .	29.374	-0.066	N. 74 W.	1.0	47.5	45.5	68.5	-1.8	77.0	43.4	-2.8	36.6	85	+2	1.7	0.06	-0.95	0	-2.2	0.05
Meerut (d) .. .. .	..	..	..	..	(b) ..	(b) ..	..	..	..	(b) ..	..	..	..	..	..	0.16	-1.12	1	-1.4	0.16
Roorkee .. .. .	29.013	-0.036	N. 38 W.	2.3	43.8	43.0	64.8	-4.0	73.9	40.8	-3.1	35.2	(b) 92	+7	2.3	0.40	-1.26	1	-1.9	0.26
Dehra Dun (e) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.04	-1.23	4	+0.2	0.42	
<b>PUNJAB, EAST AND NORTH.</b>																				
Delhi .. .. .	29.211	-0.089	N. 82 W.	2.5	48.4	44.5	65.5	-4.5	77.0	46.5	-1.4	39.7	71	+2	2.5	0.30	-0.74	2	-0.1	0.20
Hissar .. .. .	29.209	-0.099	S. 32 W.	3.6	43.2	39.8	69.1	-1.3	79.4	39.2	-3.5	33.5	71	-4	2.0	0.02	-0.69	0	-1.7	0.62
Ambala .. .. .	29.025	-0.082	N. 22 W.	3.9	46.2	43.9	65.8	-3.1	73.1	42.0	-1.3	34.8	82	-3	2.5	0.52	-0.97	1	-2.1	0.48
Ludhiana .. .. .	29.109	-0.089	N. 81 W.	2.0	43.3	42.1	65.2	-1.6	72.5	40.2	-4.2	33.4	(n) 82	0	1.6	0.41	-1.31	2	-0.9	0.31
Lahore .. .. .	29.235	-0.084	N. 28 W.	1.5	41.9	40.2	64.0	-4.5	69.8	39.5	-2.0	34.7	85	0	2.6	0.44	-0.61	2	-0.1	0.24
Sialkot .. .. .	29.108	-0.078	N. 44 E.	0.6	44.7	43.6	62.2	-3.8	69.9	39.3	-3.5	32.5	92	+9	2.5	1.37	-0.74	4	+1.0	0.49
Rawalpindi .. .. .	28.259	-0.071	N. 79 W.	2.0	40.1	38.3	59.2	-3.5	66.4	36.6	-1.5	30.1	(c) 82	0	2.1	0.78	-1.71	3	-0.7	0.10
<b>PUNJAB, SOUTH-WEST.</b>																				
Khushab .. .. .	29.367	-0.066	S. 74 E.	2.5	43.6	39.9	65.6	-2.5	70.7	38.6	-2.9	33.2	70	+2	2.5	0.46	-0.31	1	-0.6	0.25
Lyalpur .. .. .	29.353	-0.107	S. 64 W.	2.0	42.5	39.6	64.3	-4.5	69.6	38.4	-1.0	32.8	76	-8	4.5	1.06	+0.66	2	+1.3	0.83
Montgomery .. .. .	29.405	-0.076	N. 69 W.	2.6	46.8	42.3	66.1	-2.7	73.3	39.6	-2.4	33.0	67	-5	2.5	0.15	-0.41	1	-0.6	0.11
Multan .. .. .	29.556	-0.075	N. 52 E.	1.8	45.4	42.2	67.2	-2.7	71.9	42.9	-1.1	35.7	75	+4	1.7	0	-0.42	0	-1.2	0
<b>KASHMIR.</b>																				
Srinagar .. .. .	24.869	-1.106	N. 18 E.	2.3	31.4	..	42.0	+1.3	48.7	28.0	+0.9	20.9	(v) 95	..	7.1	3.12	+0.36	6	+0.1	1.45
Baramulla (e) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4.53	-5.79	11	-0.2	1.18	
Dera (b) .. .. .	20.654	-1.121	W.	(c) 0.7	-5.1	..	15.2	-2.8	32.3	-14.9	-3.5	-35.6	..	..	4.5	3.14	+0.35	9	+0.5	0.62
Leh .. .. .	19.520	-1.119	N. 26 E.	2.2	10.5	..	28.9	-1.4	38.9	7.2	-1.0	-1.8	..	..	5.3	0.47	+0.11	2	+1.0	0.22
Skardu .. .. .	22.853	-1.103	S. 59 W.	0.3	18.2	..	32.2	-1.6	40.4	13.3	-2.6	3.9	..	..	7.1	0.78	-0.14	3	+0.4	0.40
Gilgit .. .. .	25.203	-0.075	S. 48 W.	1.4	34.0	..	45.6	-0.8	51.4	30.5	-1.5	20.2	..	..	6.5	0.21	-0.04	1	+0.2	0.17
<b>NORTH-WEST FRONTIER PROVINCE.</b>																				
Peshawar .. .. .	28.857	-0.083	S. 30 W.	0.6	39.9	(e) 37.8	60.3	-2.9	65.4	36.4	-3.0	36.9	(e) 77	+4	3.5	0.72	-0.84	4	+1.0	0.25
Dera Ismail Khan .. .. .	29.411	-0.065	N. 31 W.	1.1	43.7	42.0	64.6	-4.0	71.3	38.6	-1.9	36.3	86	+14	1.5	6.49	0	+0.6	0.24	
<b>BALUCHISTAN.</b>																				
Fort Sandeman .. .. .	25.383	-0.099	S. 79 E.	2.7	31.9	..	53.3	-7.3	65.9	28.0	-3.3	19.8	..	..	2.9	0.44	-0.09	2	0	0.30
Kharai (e) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-0.54	0	-1.7	0	
Quetta .. .. .	24.574	-0.088	S.	2.2	26.9	..	46.1	-5.1	64.9	22.6	-5.9	11.8	..	..	2.3	0.44	-1.49	2	-2.7	0.26
Chaman .. .. .	25.693	-0.082	S. 48 E.	3.7	32.7	..	46.5	-7.3	62.0	30.1	-4.9	16.3	(r) 76	..	3.9	1.41	-0.16	5	+0.9	0.45
Kalat .. .. .	28.653	-1.110	S. 21 W.	6.1	24.1	..	45.7	-5.1	62.8	30.3	-2.5	8.2	..	..	2.1	0.12	-1.09	1	-2.5	0.10
Darbandin .. .. .	27.106	-0.031	N. 45 E.	3.2	35.0	..	57.3	-7.4	74.9	32.0	-3.5	18.5	(s) 76	+4	3.1	0.31	-0.57	2	+0.2	0.29
Pami .. .. .	30.020	-0.060	N. 14 W.	7.2	55.3	49.0	71.4	-5.1	80.0	45.9	-9.0	40.0	60	-22	1.7	1.99	-0.28	1	-1.3	1.99
Panjgur .. .. .	26.774	-0.043	N. 44 E.	5.1	38.2	..	57.1	-7.6	74.7	34.6	-4.2	25.4	(h) 79	+3	2.1	0.11	-0.81	0	-2.1	0.99

(c) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (d) Mean of 27 days. (e) Mean of 23 days. (f) Mean of 20 days. (g) Mean of 18 days. (h) Mean of 14 days. (i) Mean of 10 days.

TABLE III, JANUARY.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Cloud.	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 27° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
<b>SIND.</b>																				
Jacobabad .. ..	29.827	-0.056	N. 5 E.	1.8	47.2	40.1	70.8	-2.4	77.9	41.8	-2.4	33.0	48	-18	1.2	0	-0.26	0	-0.7	0
Hyderabad .. ..	29.923	-0.043	N. 52 W.	2.3	51.0	46.4	74.6	-1.4	86.5	47.3	-3.5	38.4	68	+7	1.9	0	-0.20	0	-0.6	0
Karachi .. ..	30.019	-0.035	N. 17 E.	6.9	59.0	52.2	73.7	-2.4	81.2	54.9	-3.2	47.1	60	-1	1.7	0	-0.52	0	-1.1	0
<b>RAJPUTANA, WEST.</b>																				
Bikaner .. ..	29.189	-0.067	S. 10 E.	2.8	50.5	44.3	71.2	-0.8	81.0	44.7	-3.3	39.5	58	+2	1.8	0	-0.34	0	-1.0	0
Jodapur .. ..	29.165	-0.058	N. 37 E.	2.7	50.9	42.9	73.1	-3.8	80.2	45.4	-5.1	36.3	46	0	1.8	0	-0.14	0	-0.4	0
<b>RAJPUTANA, EAST.</b>																				
Jalpur .. ..	28.516	-0.066	N. 82 W.	2.7	48.9	43.0	71.3	-3.2	82.5	42.9	-5.3	36.0	57	-3	1.0	0	-0.47	0	-1.1	0
Ajmer .. ..	28.325	-0.072	S. 51 W.	0.5	43.6	39.8	68.8	-4.5	78.2	41.5	-4.6	33.8	70	-1	0.9	0	-0.36	0	-1.1	0
Kotah .. ..	29.100	-0.090	N. 85 W.	0.6	54.1	47.6	73.8	-3.5	88.0	48.0	-3.8	43.6	58	0	0.5	0	-0.27	0	-0.6	0
Udaipur (e) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-0.11	0	-0.2	0
<b>GUJARAT.</b>																				
Deesa .. ..	29.508	-0.037	N. 65 E.	6.6	52.8	43.4	70.7	-3.8	88.6	44.2	-7.2	34.8	39	-9	0.5	0	-0.11	0	-0.3	0
Bhuj .. ..	29.460	-0.030	N. 34 W.	3.9	57.6	49.1	76.5	-3.2	85.0	48.3	-5.5	37.3	49	-11	0.8	0	-0.08	0	-0.2	0
Dwarka .. ..	29.966	-0.037	N. 16 E.	9.5	63.9	57.9	75.3	-3.0	83.6	58.5	-1.5	52.4	67	-3	1.9	0	-0.68	0	-0.2	0
Rajkot .. ..	29.523	-0.050	N. 20 E.	4.6	57.2	48.2	80.1	-3.5	89.0	48.2	-2.9	39.0	47	-5	1.6	0	-0.04	0	-0.2	0
Veraval .. ..	29.968	-0.019	N. 15 E.	5.7	61.8	52.3	78.8	-2.8	87.1	57.9	-1.9	50.6	48	-6	2.3	0	-0.03	0	-0.1	0
Surat .. ..	29.939	-0.025	N. 49 E.	1.5	61.5	52.8	82.0	-4.7	89.1	54.4	-3.1	46.4	52	-12	1.4	0	-0.14	0	-0.2	0
Ahmedabad .. ..	29.830	-0.031	N. 43 E.	4.2	68.4	49.3	80.1	-4.7	90.4	53.4	-4.3	43.9	47	0	1.6	0	-0.02	0	-0.1	0
<b>CENTRAL INDIA, WEST.</b>																				
Nasruch .. ..	28.309	-0.066	E.	4.3	55.3	47.4	73.4	-4.1	84.7	44.2	-4.6	35.5	52	-5	0.5	0	-0.21	0	-0.4	0
Indore .. ..	28.107	-0.054	N. 10 E.	1.9	58.0	48.4	76.7	-2.9	87.6	45.2	-4.9	35.1	46	-14	0.6	0	-0.28	0	-0.5	0
<b>CENTRAL INDIA, EAST.</b>																				
Bowgong .. ..	29.202	-0.063	S. 47 W.	1.2	48.4	44.9	72.6	-1.7	82.0	43.1	-4.0	37.9	74	-2	0.9	0	-0.63	0	-1.5	0
Buna .. ..	28.676	-0.086	W.	0.7	52.1	45.9	72.4	-2.4	82.3	45.8	-2.3	39.8	61	-12	0.7	0	-0.88	0	-1.8	0
<b>BHAR.</b>																				
Akola .. ..	29.006	-0.062	N. 47 W.	2.5	59.0	49.5	84.5	-1.3	91.8	50.7	-3.5	39.5	45	-8	2.2	0	-0.35	0	-0.7	0
Amrabi .. ..	28.713	-0.068	N. 43 E.	3.1	62.4	51.4	83.7	-1.1	91.0	55.2	-3.4	47.3	43	-8	1.4	0	-0.43	0	-0.7	0
<b>CENTRAL PROVINCES, WEST.</b>																				
Ahmadnagar .. ..	28.893	-0.056	N. 8 W.	3.3	67.6	48.6	82.0	-2.5	89.6	46.9	-5.6	38.2	47	-9	0.2	0	-0.32	0	-0.5	0
Hoshangabad .. ..	28.952	-0.052	N. 71 E.	(b) 0.7	53.5	47.4	78.8	-1.2	85.3	47.8	-4.3	39.6	61	-5	1.2	0	-0.36	0	-0.9	0
Baugor .. ..	28.099	-0.076	S. 89 E.	3.4	53.3	45.0	74.3	-2.6	83.2	48.9	-3.5	41.2	48	-6	0.9	0	-0.59	0	-1.2	0
Jubbulpore .. ..	28.577	-0.083	S. 23 E.	1.0	52.9	46.9	75.7	-1.8	83.9	44.7	-3.9	36.8	67	-7	1.0	0	-0.80	0	-1.5	0
Boni .. ..	27.872	-0.081	N. 19 E.	2.3	56.1	48.9	78.2	-0.7	88.4	49.0	-2.5	40.5	57	-6	1.5	0	-0.58	0	-1.2	0
Nagpur .. ..	28.917	-0.059	N. 39 E.	2.9	61.3	50.9	82.6	-0.9	91.5	52.3	-3.3	44.2	43	-17	0.5	0	-0.42	0	-0.8	0
<b>CENTRAL PROVINCES, EAST.</b>																				
Pendra .. ..	27.877	-0.077	N. 24 W.	3.0	57.2	50.9	75.1	-1.0	85.3	49.1	-2.2	40.0	63	-1	1.2	0	-0.85	0	-1.6	0
Raipur (b) .. ..	28.955	-0.070	N. 71 W.	(c) 1.4	58.6	53.9	78.8	-2.6	87.7	53.9	-1.6	46.0	71	+6	1.8	0	-0.29	0	-0.7	0
Chanda .. ..	29.306	-0.060	N. 64 W.	2.3	60.9	54.9	82.7	-2.7	91.1	51.0	-3.9	41.4	66	-4	1.8	0	-0.25	0	-0.4	0
Jagdalpur .. ..	28.133	-0.047	S.	1.0	57.1	54.3	81.5	+0.5	84.4	50.9	-1.2	43.9	82	0	3.8	0	-0.47	0	-0.8	0
<b>BHARKAN.</b>																				
Fombay .. ..	29.902	-0.043	N. 47 E.	6.5	67.4	61.4	81.1	-1.7	86.1	65.2	-3.0	56.2	69	-4	1.9	0	-0.10	0	-0.2	0
Kainmagiri .. ..	29.714	-0.038	N. 72 E.	(b)	71.6	62.0	84.2	-3.0	98.9	64.4	-2.3	55.1	56	-5	0.2	0	-0.10	0	-0.2	0
Barnmagoo .. ..	29.864	-0.032	N. 54 E.	4.9	69.9	65.7	81.6	-3.0	85.0	68.2	-1.5	63.4	79	-3	3.7	0	-0.02	0	0	0
Kairwar .. ..	29.567	-0.046	N. 6 W.	2.3	66.8	63.2	86.0	-0.6	92.6	63.4	-2.4	58.7	70	-11	0.2	0	-0.05	0	-0.1	0
<b>BOMBAY DIVISION.</b>																				
Malegaon .. ..	28.504	-0.047	E. 68 W.	3.4	56.8	47.6	85.4	-0.6	93.3	47.4	-4.9	36.3	46	-6	2.2	0	-0.16	0	-0.3	0
Ahmednagar .. ..	27.780	-0.051	N. 60 W.	3.9	60.5	49.5	83.4	-0.9	90.8	48.5	-4.3	37.0	42	-18	0.8	0	-0.26	0	-0.4	0
Poona .. ..	28.083	-0.045	W.	1.4	58.0	49.6	85.5	-0.6	92.0	49.3	-4.9	38.9	52	-9	1.6	0	-0.06	0	-0.2	0
Sholapur .. ..	28.358	-0.042	N. 47 E.	3.2	64.5	52.5	86.4	-1.0	92.2	55.4	-3.7	46.3	40	-8	1.8	0	-0.13	0	-0.3	0
Bijapur .. ..	27.971	-0.043	N. 20 E.	2.6	65.4	55.1	85.8	-0.2	90.6	57.1	-3.0	47.5	49	-13	1.2	0	-0.08	0	-0.1	0
Balgaon .. ..	27.387	-0.048	N. 18 E.	1.4	63.4	54.0	84.6	+1.1	89.7	55.6	-2.2	50.0	52	-8	4.8	0	-0.13	0	-0.2	0
<b>HYDERABAD, NORTH.</b>																				
Aurangabad .. ..	28.028	-0.065	N. 76 E.	5.2	61.7	50.0	83.9	-0.8	90.9	53.3	-2.7	44.8	39	-9	2.3	0	-0.28	0	-0.5	0
Farbhani (e) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-0.42	0	-0.6	0
Bhamsand .. ..	28.668	-0.035	N. 12 W.	0.9	62.4	54.8	84.6	-1.2	90.9	54.3	-2.4	43.8	60	-4	0.7	0	-0.14	0	-0.4	0

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (e) Mean of 27 days.

TABLE III, JANUARY.

STATION.	PRESSURE.		WIND.		TEMPERATURE.							HUMIDITY.		CLOUD.		RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	High est in month.	Mean.	Departure from normal.	Low est in month.								
<b>HYDERABAD, SOUTH.</b>																				
Gulbarga .. ..	28.414	-0.58	N. 38 E.	4.7	62.2	52.1	80.2	+2.0	95.0	56.4	-3.4	45.8	47	-11	0.5	0	-0.20	0	-0.3	0
Rachur .. ..	28.62	-0.48	S. 55 E.	5.2	59.1	59.9	88.3	+1.6	93.8	58.7	-5.8	51.2	56	-8	1.1	0	-0.10	0	-0.2	0
Hyderabad .. ..	28.202	-0.06	S. 34 E.	2.0	64.1	57.4	84.2	0	91.5	57.1	-2.8	49.1	66	-7	2.8	0	-0.24	0	-0.4	0
Hanamkonda .. ..	29.056	-0.58	S. 55 E.	2.7	67.1	61.2	84.4	-0.8	92.5	61.3	-1.4	51.8	69	-1	3.0	0	-0.32	0	-0.5	0
<b>MYSORE.</b>																				
Chitaldrug .. ..	27.509	-0.47	S. 62 E.	1.2	69.2	57.6	86.2	+1.8	92.3	62.4	+0.4	57.3	48	-14	6.1	0	-0.27	0	-0.3	0
Bangalore .. ..	26.922	-0.53	S. 36 E.	4.9	65.5	59.1	85.1	+4.3	90.4	58.1	+0.6	52.8	68	-11	3.3	0	-0.26	0	-0.5	0
Mysore .. ..	27.395	-0.61	N. 53 E.	1.0	65.9	60.4	85.5	+1.5	89.8	59.7	-0.5	54.9	72	0	4.3	0	-0.13	0	-0.3	0
<b>MALADAR.</b>																				
Mangalore .. ..	29.821	-0.56	N. 77 E.	5.0	76.3	69.6	88.2	-1.0	95.0	69.2	-0.7	65.0	70	+4	2.7	0	-0.06	0	-0.1	0
Calicut .. ..	29.863	-0.45	N. 71 E.	3.5	76.3	71.2	88.7	+1.5	91.8	70.1	-0.4	65.5	76	-3	2.4	0	-0.40	0	-0.5	0
Cochin .. ..	29.876	-0.43	N. 66 E.	4.4	76.3	70.7	88.7	-0.7	91.1	73.0	+1.1	69.1	75	+3	2.8	0	-0.69	0	-0.9	0
Trivandrum .. ..	29.667	-0.46	N. 55 E.	3.9	75.0	71.3	83.4	-0.6	85.2	72.7	+0.4	69.2	83	+6	5.0	0.33	-0.41	2	+0.5	0.15
<b>MADRAS, SOUTH EAST.</b>																				
Tinnevely (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2.36	+0.86	4	+1.7	1.07	..
Pamban .. ..	29.849	-0.66	N. 29 E.	6.8	76.3	73.1	81.1	-1.6	82.8	73.2	-1.1	69.9	85	0	4.5	5.26	+3.13	5	+1.8	3.73
Madura .. ..	29.436	-0.80	N. 9 E.	3.7	71.6	67.9	88.1	+0.7	94.4	68.8	-0.3	65.4	82	+6	6.5	0.75	+0.15	2	+0.8	0.49
Negapatam .. ..	29.875	-0.55	N. 29 W.	8.8	73.8	70.4	82.3	-0.2	84.6	70.4	-1.0	66.8	84	+3	5.4	1.33	-0.35	3	+0.6	0.77
Trichinopoly .. ..	29.668	-0.52	N. 1 E.	2.9	76.3	70.4	90.6	+3.1	96.3	67.6	-0.1	63.2	73	-5	3.8	0.32	-0.36	2	+0.8	0.21
Colombatore .. ..	22.549	-0.72	N. 39 E.	1.7	71.2	68.2	87.0	+0.6	92.5	63.7	-0.6	58.0	85	+3	3.3	0.11	-0.49	0	-1.0	0.03
Salem .. ..	28.994	-0.58	N. 39 E.	4.2	71.3	65.2	91.6	+3.3	98.5	64.3	-0.2	58.8	71	-6	2.5	0.11	-0.20	1	+0.5	0.11
Cuddalore .. ..	29.882	-0.59	N. 24 W.	4.5	71.2	69.1	82.0	-1.1	83.6	67.8	-0.5	64.5	90	+3	4.5	1.65	+0.39	3	+1.1	1.55
Madras .. ..	29.900	-0.67	N. 47 W.	3.5	72.1	69.9	84.1	-0.4	88.4	66.0	-1.8	60.3	89	+5	3.8	1.33	-0.06	2	+0.3	1.16
<b>MADRAS DECCAN.</b>																				
Cuddapah .. ..	29.498	-0.58	S. 56 E.	..	72.4	65.6	89.7	+1.3	96.6	64.5	-0.7	58.4	68	-7	2.4	0	-0.43	0	-0.6	0
Bellary .. ..	28.438	-0.51	S. 23 W.	2.4	69.8	57.3	89.6	+1.5	95.3	60.9	-0.9	53.7	44	-21	2.0	0	-0.11	0	-0.2	0
Kurnool .. ..	28.988	-0.62	S. 45 W.	1.9	65.7	57.5	89.2	+0.9	95.4	60.1	-0.4	50.2	57	-14	2.7	0	-0.18	0	-0.4	0
<b>MADRAS COAST, NORTH.</b>																				
Nellore .. ..	29.871	-0.56	N. 43 W.	1.3	71.0	67.3	85.5	+0.2	92.1	65.7	-1.4	60.0	81	-6	4.6	0	-1.68	0	-1.5	0
Basulipatam .. ..	29.926	-0.75	N. 8 W.	3.6	71.5	67.6	83.0	-0.4	90.9	65.3	-0.5	57.1	81	-5	1.5	0.01	-0.22	0	-0.4	0.01
Cocanada .. ..	29.414	-0.77	N. 2 E.	5.0	71.3	67.2	81.9	+0.6	90.6	66.6	+0.5	61.0	80	+3	4.9	0.06	-0.13	0	-0.4	0.66
Vizagapatam .. ..	29.903	-0.73	N. 45 W.	4.5	71.5	67.0	80.5	-0.3	83.6	67.6	-0.3	62.2	78	+6	5.0	0.68	+0.22	2	+1.5	0.49
Calingapatam .. ..	29.935	-0.86	N. 54 W.	4.9	67.7	64.5	81.7	-0.5	91.0	64.2	+1.4	57.0	83	0	1.6	0.53	+0.27	1	+0.2	0.53
Gopalpur .. ..	29.894	-0.93	N. 3 W.	6.1	67.9	64.4	80.4	+0.1	89.3	62.3	0	56.2	82	+3	1.1	0	-0.23	0	-0.5	0
<b>HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN.</b>																				
Maymyo .. ..	26.379	-0.90	S. 80 W.	1.1	47.1	46.7	69.6	-0.7	74.6	40.7	+0.6	35.0	98	+7	3.5	0	-0.09	0	-0.4	0
Shillong .. ..	25.064	-0.96	S. 1 W.	1.5	43.6	40.7	57.0	-3.6	61.1	37.4	-1.8	30.3	79	+6	1.7	0.33	0	1	+0.2	0.26
Cherrapunji .. ..	25.642	-0.78	S. 22 E.	5.2	50.0	44.8 (a)	56.7	-3.6	62.7	43.3	-2.6	35.9	65	-7	3.0	0.67	+0.22	2	+0.9	0.46
Darjiling .. ..	22.841	-0.92	N. 28 E.	1.9	37.6	34.9 (a)	44.5	-2.8	52.5	32.9	-2.2	27.7	76 (e)	-5	5.3	0.05	-0.50	0	-1.3	0.04
Mukteswar .. ..	22.732	-0.99	S. 45 W.	6.2	37.5	34.6 (a)	46.0	-4.7	56.0	33.3	-2.4	23.7	54 (e)	..	2.9	2.05	-0.13	4	+0.3	0.82
Kurseore (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4.38	+2.04	5	+1.4	2.36	
Chakrata .. ..	23.323	-0.49	N. 72 E.	6.3	40.5	37.5 (a)	48.2	-2.9	61.8	32.7 (b)	-2.6	23.5	61	+4	2.7	6.13	+1.78	5	-0.2	3.15
Simla .. ..	22.984	-0.93	S. 13 E.	5.5	36.2	..	44.0	-2.4	53.3	33.3	-2.7	23.1	..	..	2.5	1.86	-0.85	3	-1.7	0.87
Jathousa (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8.64	..	7	..	8.00	
Murree .. ..	23.872	-0.90	S. 46 E.	5.5	37.2	34.8 (a)	42.0	-4.5	48.5	32.8	-2.1	20.7	64 (b)	+4	3.4	2.46	-1.27	7	+1.3	9.40
Cherat .. ..	25.668	-0.90	N. 3 W.	9.9	39.3	35.3 (b)	46.1	-3.8	53.7	36.3	-2.6	28.4	58 (b)	+4	3.9	2.00	-0.51	5	+1.1	1.04
Parachinar .. ..	24.376	-0.96	N. 45 W.	5.0	31.4	..	47.3	-3.2	58.8	25.5	-3.6	10.5	83 (b)	..	3.0	1.13	-0.99	5	+0.5	0.30
Lrosh .. ..	25.087	-1.63	S. 79 E.	4.3	32.8	..	41.7	-6.1	49.1	29.9	-1.8	22.0	83 (b)	+15	5.1	1.07	+0.16	3	+0.2	0.61
Kaunt Abu .. ..	26.012	-0.75	N. 40 W.	4.5	53.3	42.4 (c)	62.6	-3.4	73.0	46.8	-4.5	35.9	84 (c)	-9	0.6	0	-0.26	0	-0.7	0
Pachmarhi .. ..	26.434	-0.77	S. 53 W.	8.8	54.0	47.0 (c)	69.5	-2.3	77.2	45.5	-2.1	35.6	80	-3	0.9	0	-0.66	0	-1.3	0
Mercaia .. ..	26.180	-0.45	N. 58 E.	3.3	64.2	59.2	78.7	+1.4	84.0	56.4	-0.3	51.0	75	-4	5.4	0	-0.15	0	-0.3	0
Kodakanal .. ..	22.748	-0.54	N. 87 E.	7.9	53.5	44.5	66.1	+2.4	70.7	45.5	-1.4	41.3	15	-5	4.0	1.61	-1.27	3	-0.9	0.89
<b>CYLON.</b>																				
Colombo .. ..	29.826	-0.60	N. 29 E.	2.8	70.7	69.3	84.7	-2.5	89.5	70.2	-1.6	64.5	92	+9	6.8	3.53	+0.11	7	+2.3	0.92

\* Aneroid. (a) Reports only rainfall. (e) Mean of 29 days. (i) Mean of 27 days. (j) Mean of 23 days. (k) Mean of 22 days. (l) Mean of 17 days. (m) Mean of 16 days. (n) Mean of 12 days. (o) Mean of 10 days.

# MONTHLY WEATHER REPORT

FOR

February 1925.

Supplement to the Indian Daily Weather Report for the 13th March 1925.

*Published by order of the Governor General in Council.*

*Summary.*—The western disturbances of the month were characterised by their inability to produce appreciable rainfall, and unusually dry weather prevailed over most of the country. The cold spells associated with these disturbances were well pronounced and during the period 10th to the 22nd low temperatures were particularly marked everywhere outside Burma and the southern half of the Peninsula.

2. The first disturbance of the month was feeble ; it affected Persia on the 31st of the previous month and disappeared after causing light local snow in Kashmir and a few falls of light rain in Assam. The second disturbance began to affect Persia on the 2nd and taking a more southerly track than usual crossed the frontier on the 3rd. It produced no precipitation in northwest India but intensified over Central India as it passed eastwards and caused between the 5th and the 7th local rain in Chota Nagpur, Bengal and Assam. The third disturbance which appeared in Persia on the 6th, entered Baluchistan and caused local rain there on the 8th. Thence it advanced to the southwest Punjab and disappeared in the hills on the 12th after producing fairly widespread rain in northeast Baluchistan, the North-West Frontier Province and the north Punjab with local falls in Kashmir and the Kumaon hills. A portion of this disturbance advanced eastwards across northern India and produced nearly general rain in Chota Nagpur on the 10th and scattered falls in Bengal, Assam and Upper Burma between that date and the 13th. The fourth disturbance of the series entered Persia on the 12th and after producing local rain there on that date and the next, crossed the frontier on the 14th. It intensified into a deep depression and after causing strong winds and dust storms over northwest India crossed the western Himalayas on the 16th. During these two days there was widespread snow or rain in Kashmir and the Punjab hills with local falls in north Baluchistan, the North-West Frontier Province and the submontane districts of the Punjab. A portion of this depression advancing across northern India, and being supplemented by the main depression moving eastwards through Tibet, caused a few light falls of rain in the extreme north of Assam on the 22nd and 23rd ; otherwise weather was remarkably dry during the period extending from the 17th to 24th. The last disturbance of the month affected Persia on the 21st but it was very feeble till the 25th when it intensified slightly over northwest India and produced between that date and the 27th light local snow in Kashmir and the Kumaon hills with a few falls in the Punjab hills. In passing over northeast India it also caused a few falls of rain in Assam and Bengal. The western disturbance which was in Persia on the 26th did not reach India by the end of the month.

3. In the Peninsula rainfall was limited to a few falls in south Madras on the 3rd, 4th, 5th, 9th and 10th. A few falls also occurred in Lower Burma on the 8th, 23rd, 26th and 27th.

4. The total rainfall of the month was in slight excess in Lower Burma, the North-West Frontier Province and Malabar and in slight to moderate defect in Assam, Bengal and Kashmir. Over the rest of the country it was in large defect, weather being wholly dry in the Bay Islands, Orissa, the United Provinces East, Rajputana, Gujarat, Central India, the Central Provinces, the Konkan and the Deccan, including Mysore. Averaged over the plains of India the month's total was in defect by 64 per cent.

5. Skies were more clouded than usual in Lower Burma and Mysore while in Bihar and Orissa, the United Provinces, the Punjab East and North, the North-West Frontier Province, Rajputana East, Gujarat, Central India, Berar, the Central Provinces West, the Konkan and Hyderabad South cloud proportion was in defect. Humidity was in excess in Kashmir and was generally in defect over the rest of the country, excluding Burma, most of northeast India and the coastal subdivisions of the Peninsula, where it was nearly normal.

6. During the first nine days of the month temperature was nearly normal over the country except about the 5th when a slight warm wave affected northeast India and about the 6th-7th when a similar cold wave behind the second western disturbance affected the Bombay Presidency. The cold wave following the third disturbance lowered the temperature to about 15° below normal in Baluchistan on the 10th ; advancing eastwards it affected the whole of northwest India on the 11th and extended into the central parts of the country and the Deccan on the 12th and into northeast India the next day when temperature was lower than usual over the whole country excluding Burma and the southern half of the Peninsula. After this temperature went up to the normal value in northwest India but remained lower than usual in northeast India during the next three days. The cold

wave behind the fourth disturbance was very pronounced and on the 16th when the disturbance was passing eastward over the western Himalayas and the United Provinces, temperature fell rapidly over northwest India, stations in Baluchistan recording temperature  $12^{\circ}$  to  $23^{\circ}$  below normal. During the next day the cold wave extended to the west of the United Provinces but its effect was most pronounced over Gujarat and Rajputana. This eastward movement continued and during the next five days temperature was lower than usual from Gujarat and Baluchistan to Bengal. On the mean of the month maximum temperature was below normal in the Bay Islands, Bengal, the Punjab, the North-West Frontier Province, Baluchistan, Sind and Rajputana East; the minimum was lower than usual everywhere outside the Bay Islands, Burma, Assam, Bengal, Mysore and Madras, where it was nearly normal; the greatest monthly departure was recorded in Baluchistan and amounted to  $7^{\circ}$ .

### Summary of the local conditions.

*Burma, including the Bay Islands.*—Rainfall was in slight excess in Lower Burma but in large defect in Upper Burma; there was no rain in the Bay Islands. Cloud proportion was in excess in Lower Burma and in defect in Upper Burma. Maximum temperature was lower than usual in the Bay Islands.

*Northeast India, including Orissa.*—The total rainfall of the month was in slight defect in Bengal, in moderate defect in Assam, and in large defect in Chota Nagpur and Bihar; there was no rain in Orissa. Skies were less clouded than usual in Bihar and Orissa and humidity was in defect in Chota Nagpur and Bihar. Minimum temperature was below normal in Bihar and Orissa.

*The United Provinces, Central India and the Central Provinces.*—Except for an insignificant amount which was received in the United Provinces West weather was rainless over the division. Skies were less clouded than usual, and humidity was in defect. Maximum temperature was nearly normal but the minimum was lower than usual everywhere.

*Northwest India.*—Rainfall was in slight excess in the North-West Frontier Province and in moderate to large defect in the Punjab, Kashmir, Baluchistan and Sind; there was no rain in Rajputana and Gujarat. Skies were less clouded than usual in the Punjab East and North, the North-West Frontier Province, Rajputana East and Gujarat. Humidity was in excess in Kashmir but in defect elsewhere. Both maximum and minimum temperatures were lower than usual over most of the division.

*The Peninsula.*—The total rainfall of the month was in slight excess in Malabar and in large defect in Madras Southeast; over the rest of the division there was no rain. Cloud proportion was in excess in Mysore but in defect in the Konkan and Hyderabad South. Humidity was in defect in Mysore and the Deccan. Maximum temperature was nearly normal but the minimum was lower than usual in the Konkan, the Bombay Deccan and Hyderabad.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions; and Table II similar data for the 33 subdivisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report; the divisional means, Tables I and II, are based on these observations.

SINLA ;  
The 9th March 1925. }

C. W. B. NORMAND,  
for Director General of Observatories.

TABLE I, FEBRUARY.

Division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma .. ..	0·32	0·35	-0·03	-9	-0·8	-0·6	-1	+0·2
Assam .. ..	1·05	1·61	-0·56	-35	-1·1	+0·4	-2	+0·1
Bengal .. ..	0·80	0·96	-0·16	-17	-2·1	-1·5	-2	-0·2
Bihar and Orissa ..	0·12	0·99	-0·87	-88	-0·7	-2·7	-9	-1·1
United Provinces ..	0·02	0·86	-0·84	-98	-0·4	-3·8	-14	-0·9
Punjab .. ..	0·25	0·98	-0·73	-74	-2·2	-3·9	-12	-0·6
North-West Frontier Province	1·13	1·00	+0·13	+13	-2·7	-3·7	-9	-1·2
Sind .. ..	0·03	0·33	-0·30	-91	-2·9	-4·2	-12	+0·1
Rajputana .. ..	0	0·24	-0·24	-100	-2·4	-4·7	-10	-0·8
Bombay .. ..	0	0·10	-0·10	-100	-0·9	-3·7	-11	-0·3
Central India .. ..	0	0·40	-0·40	-100	-0·4	-4·3	-14	-1·6
Central Provinces ..	0	0·72	-0·72	-100	+0·7	-3·5	-12	-0·9
Hyderabad .. ..	0	0·30	-0·30	-100	+1·0	-2·9	-11	-0·3
Mysore .. ..	0	0·16	-0·16	-100	+1·4	-0·5	-9	+1·3
Madras .. ..	0·20	0·44	-0·24	-55	+0·3	-0·9	-4	-0·1
Mean of India .. ..	0·21	0·58	-0·37	-64	-0·8	-2·7	-8	-0·4

TABLE II, FEBRUARY.

Sub-division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
1. Bay Islands .. ..	0	0·87	—0·87	—100	—2·2	—1·5	—4	—0·5
2. Lower Burma .. ..	0·46	0·39	+0·07	+18	—1·3	—1·1	—2	+0·7
3. Upper Burma .. ..	0·12	0·29	—0·17	—59	—0·1	0	0	—0·5
4. Assam .. ..	1·05	1·61	—0·56	—35	—1·1	+0·4	—2	+0·1
5. Bengal .. ..	0·80	0·96	—0·16	—17	—2·1	—1·5	—2	—0·2
6. Orissa .. ..	0	1·05	—1·05	—100	—0·4	—3·1	—2	—1·4
7. Chota Nagpur .. ..	0·31	1·41	—1·10	—78	+0·9	—2·3	—10	—1·7
8. Bihar .. ..	0·09	0·69	—0·60	—87	—1·4	—2·7	—12	—0·7
9. United Provinces, East .. ..	0	0·68	—0·68	—100	+0·2	—3·3	—16	—1·0
10. Do. do. West .. ..	0·04	1·02	—0·98	—96	—1·2	—4·4	—11	—0·8
11. Punjab, East and North .. ..	0·36	1·25	—0·89	—71	—2·3	—3·2	—11	—0·9
12. Do. Southwest .. ..	0·06	0·51	—0·45	—88	—2·1	—5·1	—15	—0·1
13. Kashmir .. ..	1·94	2·63	—0·69	—26	—1·5	—2·5	+11	—0·9
14. North-West Frontier Province .. ..	1·13	1·00	+0·13	+13	—2·7	—3·7	—9	—1·2
15. Baluchistan .. ..	0·56	1·15	—0·59	—51	—7·0	—7·3	—13	—0·5
16. Sind .. ..	0·03	0·33	—0·30	—91	—2·9	—4·2	—12	+0·1
17. Rajputana, West .. ..	0	0·24	—0·24	—100	—1·8	—4·8	—10	—0·2
18. Do. East .. ..	0	0·24	—0·24	—100	—2·8	—4·6	—10	—1·2
19. Gujarat .. ..	0	0·14	—0·14	—100	—1·9	—4·6	—13	—0·4
20. Central India, West .. ..	0	0·19	—0·19	—100	—0·2	—4·3	—13	—1·2
21. Do. do. East .. ..	0	0·61	—0·61	—100	—0·5	—4·3	—15	—2·1
22. Berar .. ..	0	0·33	—0·33	—100	+0·9	—2·7	—15	—1·2
23. Central Provinces, West .. ..	0	0·55	—0·55	—100	+0·4	—3·7	—16	—1·4
24. Do. do. East .. ..	0	1·17	—1·17	—100	+1·0	—3·4	—5	+0·2
25. Konkan .. ..	0	0·06	—0·06	—100	—1·0	—2·3	—3	—0·5
26. Bombay, Deccan .. ..	0	0·08	—0·08	—100	+0·3	—3·4	—13	0
27. Hyderabad, North .. ..	0	0·34	—0·34	—100	+0·8	—2·5	—13	—0·1
28. Do. South .. ..	0	0·27	—0·27	—100	+1·1	—3·0	—10	—0·4
29. Mysore .. ..	0	0·16	—0·16	—100	+1·4	—0·5	—9	+1·3
30. Malabar .. ..	0·50	0·41	+0·09	+22	+0·4	—0·1	—1	0
31. Madras, Southeast .. ..	0·26	0·54	—0·28	—52	+0·6	—0·4	—3	—0·3
32. Do. Deccan .. ..	0	0·15	—0·15	—100	+0·6	—1·1	—14	+0·3
33. Do. Coast, North .. ..	0·01	0·45	—0·44	—98	—0·2	—1·9	—3	—0·1

TABLE III, FEBRUARY.

STATION.	PRESSURE.		WIND.		TEMPERATURE.							HUMIDITY.		CLOUD.		RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.
<b>BAY ISLANDS.</b>																				
Port Blair .. ..	29.834	-.025	N. 3 E.	3.9	77.0	72.3	85.4	-2.2	87.4	73.5	-1.5	68.7	79	-4	3.0	0	-0.37	0	-1.2	0
<b>LOWER BURMA.</b>																				
Victoria Point .. ..	29.740	-.024	N. 45 E.	6.1	77.3	72.4	87.6	-1.1	94.4	74.0	0	71.6	78	+1	6.5	1.05	+1.32	2	+1.7	1.56
Mergul .. ..	29.846	-.010	E.	4.8	73.7	71.1	87.7	-1.8	92.2	69.4	-0.5	61.0	87	+2	3.7	2.66	+0.04	2	-0.7	1.95
Tavoy .. ..	29.895	-.022	N. 45 E.	1.2	69.9	66.9	90.0	-1.1	92.8	85.3	-2.3	58.3	85	-3	3.0	0	-0.44	0	-0.8	0
Moulmeta .. ..	29.857	-.004	N. 79 E.	2.6	72.3	67.6	89.8	-1.8	93.7	66.6	-1.4	63.0	78	-5	1.8	0	-0.15	0	-0.4	0
Rangoon .. ..	29.908	-.004	N. 14 W.	3.6	69.1	65.8	91.8	-0.5	96.0	65.9	-0.6	60.6	83	-1	5.4	0	-0.22	0	-0.3	0
Bassein .. ..	29.900	-.008	N. 41 W.	3.6	69.1	66.0	88.9	-1.0	94.4	64.4	-1.5	59.5	84	-2	3.5	0	-0.23	0	-0.3	0
Diamond Island .. ..	29.862	-.028	N. 20 W.	8.4	76.8	70.4	82.3	-1.7	86.8	72.9	0	70.1	72	-3	1.3	0	-0.16	0	-0.2	0
Toungoo .. ..	29.767	-.006	S. 60 E.	1.4	70.3	64.3	89.4	-0.8	91.9	59.2	-1.6	53.4	71	-12	1.6	0	-0.18	0	-0.3	0
Kyaukpaya .. ..	29.907	-.017	N. 36 E.	3.1	69.4	66.1	79.2	-1.6	82.8	63.0	-1.2	58.2	84	0	3.0	0.02	-0.11	0	-0.3	0.02
Akyab .. ..	29.907	-.023	N. 33 E.	3.0	64.2	61.3	82.7	-1.6	86.1	59.3	-1.9	52.3	84	+1	0.6	0	-0.15	0	-0.4	0
<b>UPPER BURMA.</b>																				
Minbu .. ..	29.727	-.045	S.	1.6	65.8	59.0	90.6	+0.3	95.1	58.9	-2.1	52.2	64	0	0.9	0	-0.06	0	-0.1	0
Yamethin .. ..	29.246	-.026	..	..	67.6	61.5	90.3	-0.7	93.4	61.2	+1.2	55.9	69	-1	0.6	0	-0.22	0	-0.4	0
Mandalay .. ..	29.652	-.036	S. 21 E.	2.7	65.4	60.1	90.3	0	95.2	60.5	+0.4	54.2	72	+4	1.0	0	-0.08	0	-0.3	0
Monywa .. ..	29.632	-.045	N. 18 W.	1.1	64.2	58.7	88.1	+0.1	92.3	57.9	-1.9	52.9	70	-3	0.3	0	-0.03	0	-0.1	0
Lashio .. ..	27.083	-.037	Calm	2.8	55.6	52.0	78.8	+0.8	83.2	49.2	+0.1	44.1	78	-4	1.2	0	-0.30	0	-1.0	0
Bhamo .. ..	29.524	-.048	Calm	0.6	59.1	57.6	80.4	-0.4	86.5	54.7	+2.1	49.9	91	+1	3.8	0.33	-0.15	2	+0.6	0.17
Myitkyina .. ..	29.423	-.054	N. 31 E.	2.4	58.0	56.5	77.6	-0.5	83.2	54.5	+0.4	48.4	91	+5	4.5	0.48	-0.37	1	-1.6	0.45
<b>ASSAM.</b>																				
Dibrugarh .. ..	29.575	-.060	S. 80 E.	0.8	59.0	57.4	71.2	-1.1	79.8	56.7	+2.1	49.0	90	-3	6.0	2.06	-0.36	5	-0.9	0.89
Albasgar .. ..	29.610	-.054	N. 45 E.	0.7	58.3	57.1	73.5	+0.9	81.3	55.0	+1.7	45.6	92	-4	9.1	0.77	-1.24	4	-1.3	0.19
Tezpur .. ..	29.696	-.039	N. 50 E.	1.5	59.3	57.4	75.5	-0.5	81.7	57.3	+1.6	49.2	88	0	4.4	0.33	-0.81	1	-1.8	0.19
Gauhati .. ..	29.750	-.051	N. 84 E.	0.7	57.8	55.3	77.1	-0.7	83.2	51.7	-1.3	44.0	85	-2	2.7	0.13	-1.11	1	-1.6	0.13
Dhubri .. ..	29.827	-.031	S. 42 E.	2.3	60.5	56.3	75.7	-1.9	81.6	55.0	-0.9	49.7	76	-8	1.6	1.64	+0.91	1	-0.5	1.64
Bilchar .. ..	29.872	-.016	N. 86 E.	1.7	58.8	57.3	77.3	-3.2	81.8	54.8	-0.9	47.6	91	+5	2.3	1.38	-0.74	5	+1.4	0.43
<b>BENGAL.</b>																				
Cox's Bazar .. ..	29.892	-.025	N. 45 E.	1.9	63.2	60.1	80.1	-2.1	84.1	56.7	-2.6	50.9	83	-1	0.7	0.12	-0.25	1	+0.3	0.12
Chittagong .. ..	29.854	-.025	N. 65 E.	2.9	61.9	58.5	79.4	-2.8	83.2	56.4	-2.3	49.8	81	-2	1.4	0	-1.03	0	-1.3	0
Narayanganj .. ..	29.910	-.033	E.	0.8	63.9	60.6	79.0	-2.6	84.9	59.4	+0.6	53.9	81	-1	2.1	1.48	+0.08	1	-1.0	1.28
Barisal .. ..	29.923	-.026	S. 71 W.	1.5	64.3	62.1	79.3	-2.2	84.6	59.4	-0.3	52.1	87	+3	2.7	0.23	-0.82	1	-0.9	0.20
Fessore .. ..	29.919	-.023	Calm	0.7	62.3	59.7	74.7	-7.3	87.5	56.1	-1.2	48.4	85	+4	4.1	1.41	+0.07	3	+1.1	0.64
Calcutta .. ..	29.922	-.026	S. 77 W.	3.2	63.0	60.3	82.2	-0.1	88.8	59.3	-1.0	51.9	84	+2	3.4	0.23	-0.87	1	-0.6	0.20
Saugor Island .. ..	29.925	-.030	N. 2 W.	8.4	70.4	65.9	79.6	-1.2	85.3	64.1	-0.7	54.1	77	-9	2.0	0	-1.12	0	-1.8	0
Burdwan .. ..	29.834	-.039	N. 42 W.	1.2	62.3	56.6	82.7	-0.6	89.6	56.4	-2.3	50.5	68	-3	1.7	1.62	+0.37	1	-0.8	1.46
Berhampore .. ..	29.876	-.031	N. 73 W.	1.7	60.1	54.8	81.6	+0.3	89.8	52.4	-4.2	47.0	71	-8	2.9	0.68	-0.20	2	+0.3	0.57
Mymensingh .. ..	29.883	-.026	Calm	0.3	59.5	55.4	76.5	-2.6	82.0	55.2	-1.2	50.1	75	-9	2.7	3.65	+2.71	4	+2.3	1.92
Bogra .. ..	29.869	-.026	S. 45 W.	1.6	57.5	54.8	77.1	-3.9	84.6	52.6	-2.1	46.7	83	+3	2.8	0.86	+0.08	1	-0.7	0.77
Dinaipur .. ..	29.809	-.031	S. 69 W.	1.1	57.4	53.1	76.6	-2.7	83.3	51.5	-1.2	46.3	74	-7	1.7	0.10	-0.47	1	-0.2	0.10
Jalpaiguri .. ..	29.647	-.033	N. 45 E.	1.0	56.8	54.6	75.8	-0.8	80.6	52.3	-1.0	43.5	86	0	1.5	0	-0.66	0	-1.2	0
<b>ORISSA.</b>																				
Balasore .. ..	29.884	-.037	N. 61 W.	3.3	64.7	59.9	84.5	-0.2	93.0	59.1	-2.3	50.1	76	-1	2.7	0	-1.52	0	-2.4	0
Fukitala (False Point) .. ..	29.916	-.022	N. 69 W.	7.7	..	..	..	..	..	..	..	..	..	..	1.0	0	-1.13	0	-1.6	0
Cuttack .. ..	29.862	-.025	N. 87 W.	1.7	66.8	63.3	87.3	-1.4	95.4	62.4	-2.9	55.4	81	+1	1.3	0	-0.76	0	-1.4	0
Samtalpur .. ..	29.437	-.038	N. 47 E.	1.7	64.3	57.4	86.9	+0.3	93.6	55.7	-4.2	47.2	63	-5	0.2	0	-0.79	0	-1.7	0
<b>CHOTA NAGPUR.</b>																				
Chailasa .. ..	29.176	-.037	S. 37 W.	2.0	63.6	56.8	85.9	+1.6	94.9	54.8	-2.3	47.8	64	-11	0.6	0	-1.49	0	-2.4	0
R. nehil .. ..	27.775	-.015	N. 73 W.	4.8	59.7	50.5	77.2	+0.1	87.3	63.0	-2.2	45.3	50	-9	0.9	0.39	-1.21	2	-0.8	0.29
Hazaribagh (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.54	-0.59	2	-0.3	0.30	

(a) Reports only rainfall.

(b) Mean of 20 days.

(c) Mean of 25 days.

STATION.	PRESSURE.		WIND.		TEMPERATURE.							HUMIDITY.		Cloud.	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.
				Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
<b>BHAR.</b>																			
Purnea .. .. .	29.806	-.040	S. 64 W.	2.1	55.6	51.5	77.0	-1.8	85.3	47.7	-3.8	41.4	75	-9	1.4	0	-0.62	0	-1.3
Darbhanga .. ..	29.774	-.027	S. 86 W.	2.9	57.9	52.3	71.6	-2.3	80.9	48.9	-4.3	43.9	66	-13	2.1	0	-0.54	0	-1.3
Fatna .. .. .	29.745	-.036	S. 58 W.	3.6	58.9	51.2	76.4	-1.1	83.1	52.8	-1.4	47.2	55	-13	1.1	0	-0.71	0	-1.5
Gaya .. .. .	29.571	-.028	S. 73 W.	3.4	59.9	50.4	79.8	-0.7	89.2	54.8	-1.2	48.6	47	-21	0.4	0	-0.86	0	-1.7
Naya Dumka .. ..	29.420	-.048	N. 45 W.	1.3	60.6	53.4	79.2	-1.1	87.2	52.8	-2.9	47.0	60	-5	1.8	0.46	-0.25	1	-0.9
<b>UNITED PROVINCES, EAST.</b>																			
Gorakhpur .. ..	29.669	-.029	S. 87 W.	2.7	54.7	48.7	77.7	+0.3	94.7	47.7	-4.4	42.3	62	-11	0.9	0	-0.60	0	-1.8
Benares .. .. .	29.700	-.006	S. 56 W.	1.7	58.9	50.4	80.3	+0.8	91.0	49.1	-2.7	42.7	51	-22	1.9	0	-0.66	0	-1.8
Allahabad .. ..	29.642	-.023	S. 79 W.	3.4	57.6	48.3	79.9	+0.4	90.8	48.1	-3.8	42.5	46	-21	0.9	0	-0.58	0	-1.5
Cawnpore .. .. .	29.518	-.032	S. 87 W.	2.5	53.9	46.5	77.7	-0.7	88.5	47.7	-3.4	42.7	54	-14	1.0	0	-0.66	0	-1.6
Lucknow .. .. .	29.560	-.039	N. 81 W.	1.0	54.7	47.6	78.5	+0.1	89.2	48.9	-2.1	43.8	55	-13	0.8	0	-0.65	0	-1.5
Bahraich .. .. .	29.500	-.040	N. 73 W.	2.9	53.2	47.4	76.5	+0.1	84.2	47.1	-3.4	42.2	61	-15	1.6	0	-0.91	0	-2.0
<b>UNITED PROVINCES, WEST.</b>																			
Jhansi .. .. .	29.139	-.012	S. 59 W.	2.9	56.8	48.7	79.6	-1.2	93.8	48.3	-6.8	40.8	51	-5	0.7	0	-0.45	0	-1.1
Agra .. .. .	29.389	-.030	S. 85 W.	5.1	51.1	44.0	75.8	-2.7	84.8	42.6	-4.3	36.6	53	-13	2.2	0	-0.43	0	-1.0
Malnpur .. .. .	29.414	-.030	N. 50 W.	2.1	53.2	45.7	77.2	+0.3	87.5	46.5	-3.3	41.3	53	-16	1.8	0	-0.63	0	-1.5
Bareilly .. .. .	29.363	-.023	N. 86 W.	0.9	52.2	46.4	74.5	-0.5	82.3	46.5	-3.2	40.9	62	-14	0.2	0	-0.92	0	-1.7
Meerut (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-0.88	0	-1.7	
Roorkee .. .. .	29.011	-.029	N. 45 W.	3.0	47.6	43.9	70.9	-1.8	80.4	42.5	-4.5	36.5	73	-6	3.7	0.04	-1.36	0	-2.6
Dehra Dun (a) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.22	-2.13	1	-2.6	
<b>PUNJAB, EAST AND NORTH.</b>																			
Delhi .. .. .	29.211	-.029	N. 60 W.	3.1	51.7	44.7	70.5	-4.1	80.8	49.7	-2.0	42.7	53	-11	2.7	0	-0.76	0	-1.6
Hissar .. .. .	29.215	-.030	N. 65 W.	4.6	47.2	39.8	73.9	-0.9	83.2	41.7	-5.0	35.4	46	-24	2.3	0	-0.35	0	-1.0
Ambala .. .. .	29.027	-.020	N. 39 W.	4.8	50.7	44.8	70.7	-2.0	80.6	44.9	-2.2	40.1	60	-18	3.5	0.10	-1.55	0	-3.0
Ludhiana .. .. .	29.121	-.019	N. 67 W.	2.7	47.5	42.7	70.5	-0.4	78.3	42.6	-5.1	38.2	65	-11	1.9	0.04	-1.25	0	-2.5
Lahore .. .. .	29.243	-.020	N. 13 W.	2.2	46.2	42.2	69.1	-3.0	78.5	41.7	-3.3	36.9	70	-9	3.3	0.09	-0.85	0	-2.2
Stalkot .. .. .	29.114	-.015	N. 16 W.	1.1	48.1	45.5	66.4	-3.2	75.7	41.4	-4.2	35.5	82	+2	2.9	0.31	-1.28	2	-1.0
Rawalpindi .. ..	28.268	-.014	N. 88 W.	2.0	43.4	40.0	62.8	-2.3	73.0	40.8	-0.5	35.3	74	-4	1.0	1.05	-0.24	4	+0.3
<b>PUNJAB, SOUTH-WEST.</b>																			
Khushab .. .. .	29.381	+0.002	S. 11 E.	3.2	47.0	39.6	70.2	-0.9	77.9	39.3	-6.7	32.2	46	-20	2.8	0	-0.89	0	-2.0
Lyallpur .. .. .	29.355	-.007	N. 65 W.	2.1	44.6	40.2	68.8	-2.4	75.8	39.2	-4.2	35.2	65	-12	5.0	0.19	-0.12	1	-0.1
Montgomery .. ..	29.414	-.008	N. 51 W.	2.3	49.5	42.0	70.3	-2.5	76.7	40.7	-5.1	34.6	49	-16	2.1	0.01	-0.45	0	-1.4
Multan .. .. .	29.568	0	N. 18 E.	2.0	47.0	41.0	71.3	-2.8	78.8	43.3	-4.5	39.1	55	-11	3.1	0.04	-0.32	0	-1.2
<b>KASHMIR.</b>																			
Srinagar .. .. .	24.882	-.045	S. 82 W.	2.4	33.5	..	45.4	+1.8	52.7	30.1	+1.4	24.5	(g) 88	..	7.4	2.94	+0.21	3	-3.2
Sonamarg (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5.03	-4.20	9	-0.9	
Dras .. .. .	20.083	-.056	W.	1.3	-6.8	..	16.7	-5.1	30.9	-15.3	-4.6	-32.4	..	..	4.1	3.05	+0.33	10	+2.9
Leh .. .. .	19.522	-.076	N. 42 E.	2.6	13.7	..	33.8	+1.0	47.2	8.7	-1.2	-1.3	..	..	4.9	0.09	-0.21	0	-0.8
Skardu .. .. .	22.847	-.049	Calm	0.3	18.8	..	35.3	-2.9	42.7	13.1	-5.5	0.9	..	..	6.3	0.44	-0.23	2	-0.3
Gilgit .. .. .	25.210	+0.013	S. 57 W.	1.5	37.4	(c) 33.9	50.1	-2.2	57.7	34.0	-2.7	29.2	(c) 66	+11	5.7	0.11	-0.10	0	-0.8
<b>NORTH-WEST FRONTIER PROVINCE.</b>																			
Peshawar .. .. .	29.863	-.028	S. 17 W.	0.9	42.7	38.2	63.8	-2.2	73.4	38.6	-4.0	34.1	63	-10	3.1	1.84	+0.49	3	-0.1
Dera Ismail Khan ..	29.424	+0.003	N. 33 W.	2.1	49.4	44.2	68.3	-3.3	76.0	41.2	-3.4	35.2	63	-7	2.0	0.41	-0.24	1	-0.7
<b>BALUCHISTAN.</b>																			
Fort Sandeman .. ..	25.405	+0.001	S.	3.2	33.1	..	54.4	-5.8	64.5	28.6	-5.6	22.8	..	..	2.8	0.87	+0.02	3	+0.4
Harnai (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.14	-0.17	1	+0.5	
Quetta .. .. .	24.612	-.018	S. 45 E.	2.5	25.8	..	47.4	-5.8	59.9	21.7	-9.2	16.0	..	..	3.1	0.10	-1.76	1	-3.4
Chaman .. .. .	25.727	+0.021	S. 56 E.	4.1	32.2	..	47.2	-10.4	56.9	29.4	-7.5	15.3	..	..	4.1	1.33	-0.09	4	+0.1
Kalat .. .. .	23.679	-.029	S. 22 W.	5.5	21.5	..	45.7	-7.3	56.9	17.7	-7.1	10.3	..	..	2.8	0.42	-0.62	2	-0.9
De bandia .. .. .	27.230	+0.064	N. 66 E.	2.8	33.7	..	59.2	-7.8	70.4	30.2	-8.4	24.3	..	..	3.0	0.21	-0.79	1	-1.2
Pasni .. .. .	30.030	+0.014	N. 7 W.	6.9	56.2	49.1	73.1	-4.1	80.8	..	..	..	58	-22	1.5	1.15	-0.52	1	-0.7
Panjgur .. .. .	26.805	+0.035	N. 45 E.	5.6	38.0	36.8	59.3	-7.8	72.6	35.1	-6.2	28.5	69	-3	1.5	0.27	-0.74	1	-0.4

(a) Reports only rainfall. (b) Mean of 24 days. (c) Mean of 18 days. (d) Mean of 19 days. (g) Mean of 10 days.

STATION.	PRESSURE.		WIND.		TEMPERATURE.							HUMIDITY.		CLOUD.		RAINFALL.				
	1	2	3	4	5 6		7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
<b>SIND.</b>																				
Jacobabad .. .. .	29.841	+0.027	N. 34 W.	2.3	52.2	41.6	75.1	-3.2	84.3	44.4	-4.2	35.8	32	-24	2.2	0.10	-0.22	1	+0.1	0.10
Hyderabad .. .. .	29.932	+0.028	N. 24 W.	2.6	53.9	46.0	77.6	-3.2	87.2	49.9	-4.3	41.7	50	-8	2.7	0	-0.27	0	-0.6	0
Karachi .. .. .	30.030	+0.031	N. 12 E.	5.8	61.1	54.5	75.2	-2.4	82.8	57.1	-4.0	51.9	62	-3	2.5	0	-0.39	0	-1.0	0
<b>RAJPUTANA, WEST.</b>																				
Bikaner .. .. .	29.191	+0.001	S. 56 E.	(b) 7.2	53.9	44.7	75.2	-1.1	84.6	47.0	-5.1	41.9	43	-8	2.4	0	-0.28	0	-0.8	0
Jodhpur .. .. .	29.191	+0.005	N. 42 E.	3.3	54.9	42.9	78.1	-2.5	88.5	43.8	-4.5	37.6	28	-12	2.6	0	-0.20	0	-0.6	0
<b>RAJPUTANA, EAST.</b>																				
Pipli .. .. .	28.524	-0.002	N. 45 W.	3.3	54.6	43.9	76.1	-2.2	84.5	46.8	-4.6	37.0	37	-15	1.6	0	-0.29	0	-0.8	0
Ajmer .. .. .	28.338	-0.012	N. 16 W.	2.6	49.0	42.2	73.7	-3.5	85.6	44.6	-5.3	37.4	54	-7	1.0	0	-0.25	0	-0.7	0
Kotah .. .. .	29.115	-0.017	N. 57 W.	0.7	59.3	48.1	79.1	-2.7	92.8	51.7	-3.9	45.6	38	-9	0.6	0	-0.29	0	-0.5	0
Jdaipur (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-0.14	0	-0.4	0	
<b>GUJARAT.</b>																				
Deesa .. .. .	29.503	-0.001	N. 53 E.	6.9	58.3	44.5	84.5	-1.9	94.8	46.2	-8.1	34.7	24	-18	0.5	0	-0.16	0	-0.3	0
Bhuj .. .. .	29.677	+0.031	N. 52 W.	4.2	61.7	51.7	80.7	-2.9	92.0	49.9	-7.2	40.3	46	-15	1.1	0	-0.15	0	-0.3	0
Dwarka .. .. .	29.978	+0.008	N. 2 W.	9.7	66.0	58.3	76.5	-1.9	86.7	59.2	-3.8	51.2	60	-11	2.4	0	-0.32	0	-0.5	0
Rajkot .. .. .	29.539	-0.002	N. 20 W.	5.3	60.3	49.4	84.7	-1.8	96.7	50.1	-3.9	39.5	43	-12	2.5	0	-0.10	0	-0.3	0
Veraval .. .. .	29.977	+0.022	N. 7 E.	6.1	63.4	52.5	80.8	-0.7	91.1	58.3	-2.3	49.6	45	-14	1.4	0	-0.05	0	-0.2	0
Surat .. .. .	29.951	+0.017	N. 13 W.	2.0	65.0	55.2	87.1	-2.2	98.3	56.2	-3.2	49.4	50	-12	0.5	0	-0.07	0	-0.2	0
Ahmedabad .. .. .	29.831	+0.013	N. 27 E.	4.2	61.3	49.1	86.2	-1.6	95.6	55.6	-3.9	47.7	35	-11	0.2	0	-0.12	0	-0.3	0
<b>CENTRAL INDIA, WEST.</b>																				
Neemuch .. .. .	28.925	-0.006	N. 50 E.	3.9	60.0	48.2	79.8	-0.9	89.7	46.9	-4.8	36.6	38	-10	0.5	0	-0.20	0	-0.4	0
Indore .. .. .	28.108	-0.014	N. 19 E.	2.1	61.1	48.3	83.5	+0.5	93.3	48.5	-3.8	37.3	34	-15	0.6	0	-0.18	0	-0.6	0
<b>CENTRAL INDIA, EAST.</b>																				
Nowgong .. .. .	29.204	-0.003	S. 67 W.	1.5	53.5	46.7	78.8	-0.7	90.4	46.2	-4.7	40.9	56	-9	0.8	0	-0.50	0	-1.1	0
Sutna .. .. .	28.879	-0.028	S.	1.0	57.0	46.4	78.7	-0.4	88.9	48.5	-3.8	41.8	39	-22	0.3	0	-0.73	0	-1.7	0
<b>BERAR.</b>																				
Akola .. .. .	29.012	-0.005	N. 73 W.	2.4	63.2	50.2	91.3	+0.8	99.4	53.4	-4.0	42.5	33	-10	0.6	0	-0.29	0	-0.6	0
Amraoti .. .. .	28.716	-0.007	N. 73 E.	3.6	68.5	52.1	90.5	+1.0	97.8	60.4	-1.5	53.5	26	-19	0.4	0	-0.38	0	-0.7	0
<b>CENTRAL PROVINCES, WEST.</b>																				
Khandwa .. .. .	28.894	-0.009	N. 3 E.	3.6	62.1	49.4	88.3	-0.2	98.0	49.9	-6.0	40.3	33	-11	0.3	0	-0.12	0	-0.3	0
Hoshangabad .. .. .	28.956	+0.004	E.	0.6	57.7	48.5	84.8	-0.1	96.5	50.8	-4.5	43.2	46	-10	0.1	0	-0.41	0	-1.0	0
Bangor .. .. .	28.109	-0.019	N. 75 E.	3.8	59.1	45.9	80.6	+0.1	92.0	53.9	-1.6	44.6	30	-16	0.9	0	-0.44	0	-1.2	0
Jubbulpore .. .. .	28.583	-0.026	S. 30 E.	0.9	57.1	47.8	82.0	+0.5	92.9	47.0	-5.4	38.7	47	-18	0.1	0	-0.82	0	-1.7	0
Jeoni .. .. .	27.884	-0.022	N. 15 E.	3.3	61.5	49.6	84.5	+1.3	90.6	53.4	-1.6	45.3	38	-18	0.9	0	-0.94	0	-2.0	0
Jagpur .. .. .	28.924	0	N. 10 E.	3.3	67.4	52.5	89.5	+1.0	94.5	56.2	-3.4	45.9	29	-22	0.3	0	-0.60	0	-1.4	0
<b>CENTRAL PROVINCES, EAST.</b>																				
Pendra .. .. .	27.886	-0.011	N. 43 W.	3.1	63.2	51.8	81.4	+2.4	89.5	52.6	-2.2	42.3	43	-13	1.1	0	-1.68	0	-3.1	0
Raipur .. .. .	28.956	-0.014	N. 62 W.	1.6	65.3	56.9	86.0	-0.1	93.1	58.2	-2.0	48.9	57	0	0.4	0	-0.85	0	-1.6	0
Chanda .. .. .	29.310	-0.001	N. 20 W.	2.5	66.3	56.3	90.5	-0.4	96.1	54.3	-5.1	44.2	49	-10	0.8	0	-0.77	0	-1.1	0
Jagdapur .. .. .	28.117	-0.008	S. 80 E.	2.6	61.5	57.0	88.1	+2.2	92.6	53.3	-4.4	45.7	75	+2	6.1	0	-1.36	0	-1.3	0
<b>KONKAN.</b>																				
Bombay .. .. .	29.914	-0.006	N. 47 E.	6.9	68.1	62.1	81.1	-1.8	87.1	65.5	-3.1	60.3	69	-2	0.8	0	-0.08	0	-0.2	0
Ratnagiri .. .. .	29.723	-0.005	N. 50 E.	7.0	73.1	62.8	82.9	-2.5	85.3	65.5	-1.7	59.9	54	-10	0	0	-0.65	0	-0.1	0
Marmagao .. .. .	29.874	+0.001	N. 68 E.	5.1	71.1	67.2	83.2	-1.6	91.8	68.9	-1.8	65.8	81	-2	1.8	0	-0.07	0	-0.1	0
Karwar .. .. .	29.891	-0.002	N.	2.6	66.5	64.1	86.3	+0.3	93.1	64.4	-2.6	60.2	87	+2	0.2	0	-0.04	0	-0.1	0
<b>BOMBAY DECCAN.</b>																				
Malegaon .. .. .	28.511	-0.003	S. 74 W.	4.0	60.6	47.9	90.8	+0.8	97.8	50.1	-4.8	37.6	34	-11	1.6	0	-0.07	0	-0.2	0
Ahmednagar .. .. .	27.792	-0.002	N. 43 W.	3.5	64.7	48.6	88.6	+0.2	92.8	51.0	-4.5	43.7	24	-23	0.1	0	-0.17	0	-0.8	0
Poona .. .. .	28.094	-0.003	W.	1.6	61.4	50.5	91.2	+0.6	96.2	51.9	-4.3	43.9	43	-11	0.9	0	-0.06	0	-0.1	0
Sholapur .. .. .	28.367	+0.007	N. 56 E.	(b) 4.1	69.2	62.4	91.7	-1.2	94.4	59.0	-3.5	53.7	(e) 27	-11	0.4	0	-0.06	0	-0.1	0
Bijapur .. .. .	27.987	+0.006	N. 30 E.	3.1	70.1	56.6	91.4	+0.4	93.9	61.4	-2.5	54.6	40	-11	0.2	0	-0.06	0	-0.2	0
Belgaum .. .. .	27.385	-0.003	N. 18 E.	3.0	66.7	54.5	89.6	+1.3	91.7	58.5	-0.9	50.6	42	-9	3.1	0	-0.05	0	-0.1	0
<b>HYDRABAD, NORTH.</b>																				
Aurangabad .. .. .	28.038	-0.017	S. 82 E.	5.4	66.7	49.7	89.8	+1.1	93.8	56.5	-2.4	47.2	22	-17	2.3	0	-0.17	0	-0.4	0
Farbhani (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-0.84	0	-0.9	0	
Muzamabad .. .. .	28.674	-0.014	N.	1.1	68.3	56.6	91.4	+0.5	96.7	58.9	-2.6	50.5	45	-9	0.4	0	-0.51	0	-0.9	0

(a) Reports only rainfall. (b) Mean of 26 days. (c) Mean of 12 days. (e) Mean of 27 days.

STATION.	PRESSURE.		WIND.		TEMPERATURE.							HUMIDITY.		CLOUD.	RAINFALL.					
	1	2	3	4	5		6	7	8	9	10	11	12		13	14	15	16	17	18
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	
<b>HYDERABAD, SOUTH.</b>																				
Gulbarga .. ..	28.433	+0.07	N. 50 E.	5.6	68.7	53.3	94.5	+2.0	98.0	61.1	-3.0	54.8	31	-19	0.1	0	-0.19	0	-0.5	
Raichur .. ..	28.611	+0.07	E.	4.5	74.1	60.7	93.6	+1.5	97.8	64.9	-3.5	57.8	44	-10	0.7	0	-0.23	0	-0.4	
Hyderabad .. ..	28.219	+0.07	N. 74 E.	2.5	69.5	59.6	90.4	+0.7	95.5	60.4	-3.8	50.2	55	-10	1.0	0	-0.30	0	-0.7	
Hanamkonda .. ..	29.061	-0.01	S. 43 E.	3.5	69.8	62.3	90.4	+0.4	95.6	64.6	-1.8	57.2	64	-2	2.8	0	-0.35	0	-0.7	
<b>MYSORE.</b>																				
Chitaldrug .. ..	27.533	+0.02	S. 21 E.	1.8	73.8	61.1	90.6	+1.3	94.0	65.7	-0.2	60.3	46	-7	5.8	0	-0.09	0	-0.2	
Bangalore .. ..	26.949	-0.05	S. 70 E.	5.6	68.0	59.1	88.4	+2.2	91.2	59.5	-0.7	52.0	58	-13	1.4	0	-0.17	0	-0.3	
Mysore .. ..	27.414	-0.21	N. 45 E.	1.9	69.6	61.2	89.6	+0.8	91.6	62.9	-0.7	56.6	61	-7	3.1	0	-0.22	0	-0.4	
<b>MALABAR.</b>																				
Mangalore .. ..	29.845	-0.18	N. 61 E.	5.0	77.9	71.3	89.7	+1.2	95.0	71.0	-1.1	68.1	71	-2	2.7	0	-0.06	0	-0.1	
Calicut .. ..	29.882	-0.12	N. 48 E.	4.7	79.0	73.5	89.6	+1.5	90.8	72.2	-0.7	69.1	76	-4	1.3	0	-0.16	0	-0.3	
Cochin .. ..	29.906	-0.03	N. 65 E.	4.1	78.7	72.7	89.7	-0.4	90.9	75.3	+1.2	72.0	73	-2	1.4	0.08	-0.71	0	-1.3	
Trivandrum .. ..	29.700	-0.08	N. 55 E.	4.4	76.3	72.2	84.9	-0.7	87.5	73.9	+0.2	69.8	81	+4	2.7	1.93	+1.32	2	+0.9	
<b>MADRAS, SOUTH EAST.</b>																				
Tinnevely (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.18	-0.62	1	-0.4	
Pamban .. ..	29.883	-0.12	N. 40 E.	4.4	77.9	74.1	84.8	-0.1	86.7	74.5	-0.2	71.4	83	+3	3.6	2.08	+1.35	3	+1.8	
Madura .. ..	29.462	-0.32	N. 40 E.	4.1	73.6	68.8	92.5	+0.7	98.2	70.3	+0.1	63.8	78	+2	5.4	0	-0.36	0	-0.6	
Negapatam .. ..	29.901	-0.08	N. 1 W.	8.2	76.5	71.5	85.3	+0.2	87.8	72.5	-0.2	67.1	77	-1	3.9	0.04	-0.59	0	-0.8	
Trichinopoly .. ..	29.695	0	N. 25 E.	3.1	79.3	71.6	94.8	+2.4	97.0	69.1	+0.2	63.8	67	-10	2.1	0	-0.56	0	-0.7	
Coimbatore .. ..	28.578	-0.20	N. 51 E.	2.3	74.8	68.5	91.1	-0.4	94.0	66.0	0	60.1	72	-8	2.4	0	-0.32	0	-0.6	
Salem .. ..	29.020	-0.06	N. 37 E.	5.4	74.8	67.3	95.7	+2.3	99.1	67.0	+0.5	60.9	66	-10	0.4	0	-0.27	0	-0.6	
Cuddalore .. ..	29.910	-0.03	N. 34 W.	4.2	73.9	70.2	84.6	-1.0	88.9	68.7	-1.1	64.3	83	-3	2.6	0	-0.89	0	-1.2	
Madras .. ..	29.918	-0.15	N. 65 W.	3.3	74.2	70.8	87.4	+0.6	94.4	66.4	-2.3	61.9	84	+1	2.4	0	-0.32	0	-0.6	
<b>MADRAS DECCAN.</b>																				
Cuddapah .. ..	29.510	+0.03	S. 68 E.	..	76.7	66.0	94.7	0	98.5	67.6	-1.7	59.2	55	-12	2.3	0	-0.14	0	-0.2	
Bellary .. ..	28.447	-0.02	S. 37 W.	2.5	74.8	59.2	94.9	+0.8	98.5	65.0	-1.1	60.5	36	-18	1.7	0	-0.16	0	-0.3	
Kurnool .. ..	29.000	-0.03	S. 68 E.	2.1	71.7	60.8	94.8	+1.0	96.9	64.9	-0.4	58.7	50	-11	0.7	0	-0.16	0	-0.3	
<b>MADRAS COAST, NORTH.</b>																				
Nellore .. ..	29.887	+0.05	S. 36 W.	1.7	73.9	69.4	88.6	-1.1	94.9	67.9	-1.6	63.5	79	-6	1.9	0.09	-0.03	0	-0.4	
Masulpatam .. ..	29.936	-0.16	N. 61 W.	3.7	74.1	69.4	86.1	-0.5	93.2	66.5	-2.1	63.5	77	-8	1.8	0	-0.42	0	-0.5	
Cocanada .. ..	29.925	-0.18	N. 22 W.	4.6	73.8	68.0	85.8	+0.1	92.9	68.0	-1.8	63.8	73	-5	7.4	0	-0.32	0	-0.5	
Vizagapatam .. ..	29.909	-0.14	N. 56 W.	5.2	78.4	68.8	84.8	+1.0	91.5	69.2	-1.9	63.1	74	+1	2.0	0	-0.85	0	-0.9	
Calingapatam .. ..	29.926	-0.20	N. 60 W.	4.8	70.6	66.3	86.0	-1.5	94.1	65.7	-2.0	59.4	79	-3	1.1	0	-0.30	0	-0.9	
Gopalpur .. ..	29.886	-0.40	N. 16 W.	6.7	70.4	66.0	84.1	+0.8	93.3	65.1	-2.3	58.3	78	0	0.2	0	-0.69	0	-1.1	
<b>HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN.</b>																				
Maymyo .. ..	26.387	-0.47	S. 39 W.	2.3	54.2	51.7	74.8	+0.4	77.8	44.1	+0.8	34.0	82	-3	1.6	0	-0.17	0	-0.6	
Shillong .. ..	25.074	-0.47	S. 36 W.	3.1	48.7	43.1	61.5	-1.0	67.2	41.4	-0.8	28.6	61	-6	1.5	0.35	-0.85	1	-1.7	
Cherrapunji .. ..	25.654	-0.36	S. 72 W.	5.4	52.7	46.7	58.7	-2.3	63.8	45.1	-2.6	34.9	63	-6	2.8	1.62	-1.10	3	-0.6	
Darjiling .. ..	22.855	-0.45	N. 38 E.	2.9	40.8	38.2	47.7	-1.2	54.5	35.3	-0.8	28.0	79	-3	6.5	0	-1.10	0	-2.6	
Mukteswar .. ..	22.771	-0.17	N. 67 E.	5.6	42.3	34.2	52.9	+2.2	63.0	37.3	+1.9	27.6	39	-19	3.8	0.12	-2.27	1	-3.6	
Mussooree (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.19	-4.28	1	-4.3	
Chakrata .. ..	23.341	-0.95	N 70 E.	7.6	42.8	38.0	53.0	+1.4	63.3	36.0	0	25.8	64	+2	4.1	0.34	-3.97	1	-4.9	
Simla .. ..	23.020	-0.22	S. 6 E.	5.5	39.3	34.1	47.4	+0.6	58.7	35.7	-0.2	24.2	48	-6	5.0	0.63	-2.50	3	-2.8	
Dalhousie (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3.55	..	5	..	
Murree .. ..	23.884	-0.44	S. 33 E.	5.9	37.3	34.5	43.4	-3.7	53.5	33.4	-1.0	25.2	61	-1	3.0	2.07	-2.07	3	-2.9	
Cherat .. ..	25.688	-0.34	S. 2 W.	9.3	40.7	35.9	49.7	-2.5	58.6	37.9	-2.5	29.6	56	+2	3.2	1.17	-1.81	3	-1.3	
Parachinar .. ..	24.397	-0.26	Calm	3.3	32.4	..	48.1	-3.4	61.7	25.5	-5.4	13.7	..	..	3.1	3.20	+1.07	4	-0.9	
Drosh .. ..	25.105	-0.51	E.	2.9	34.3	..	45.6	-4.1	57.8	30.8	-2.5	25.6	76	+5	4.1	0.05	-1.08	0	-3.1	
Mount Abu .. ..	26.047	-0.11	S. 82 W.	4.9	57.7	43.7	67.4	-0.4	75.4	51.1	-2.1	41.4	28	-11	1.9	0	-0.28	0	-0.6	
Pachmarhi .. ..	26.467	-0.77	N. 39 W.	3.6	59.2	48.1	76.3	+1.1	83.5	48.4	-2.6	36.4	43	-10	0.5	0	-0.66	0	-1.5	
Mercara .. ..	26.203	-0.15	N. 62 E.	3.0	66.3	58.8	81.9	+1.0	84.6	68.6	-0.2	55.4	64	-9	5.8	0	-0.19	0	-0.5	
Kodalkanal .. ..	22.781	-0.23	N. 52 E.	7.8	54.1	46.1	67.6	+1.4	72.0	46.5	-1.0	42.0	55	0	1.6	6.43	+5.02	2	0.6	
Colombo .. ..	29.865	-0.18	N. 50 E.	2.4	71.6	70.0	87.5	-1.0	90.6	71.2	-1.2	63.4	92	+9	5.0	6.21	+4.10	6	+2.6	

\*Aneroid (f) Mean of 19 days. (g) Mean of 22 days. (h) Mean of 20 days. (i) Mean of 14 days. (j) Mean of 21 days. (k) Mean of 18 days. (l) Mean of 25 days. (m) Mean of 23 days. (n) Mean of 27 days. (o) Mean of 26 days.

# MONTHLY WEATHER REPORT

FOR

March 1925.

Supplement to the Indian Daily Weather Report for the 15th April 1925.

*Published by order of the Governor General in Council.*

*Summary.*—A storm developed in the Bay off the south Coromandel coast on the 15th. This is a very rare occurrence for the month of March, and it caused unseasonable rain in the south of the Peninsula. Over north and central India, on the other hand, weather was much drier than usual.

2. The western disturbance which reached northeast India at the close of the previous month caused numerous hailstorms in Assam and south Bengal on the 1st and the 2nd. Five fresh disturbances from the west entered India during the month. The first of these, reaching Baluchistan on the 2nd, caused between the 3rd and the 5th nearly general rain or snow in north Baluchistan, with local falls in Kashmir and the hills of the North-West Frontier Province; passing eastwards it gave local rain in upper Assam between the 6th and the 8th. The next disturbance affected Persia on the 8th but it did not reach the frontier till the 13th and produced only a few falls of rain there on that day and on the 15th. In the meantime weather had been becoming unsettled in the central parts of the country, where a feeble depression appeared on the morning of the 10th; advancing eastwards, it produced between that date and the 13th scattered falls of rain in the Central Provinces and northeast India. While passing over the latter area the depression caused rough and squally weather in the north of the Bay and hampered the movements of ferry steamers in the Hooghly. The third disturbance began to affect Persia on the 15th and developed into a depression over the southeast Punjab before the morning of the 19th; it caused local rain in the central Punjab and Kashmir on the 18th, and local snow in Kashmir and hailstorms in the Punjab-Kumaon hills on the 19th; next day it originated some duststorms in Bengal. The fourth disturbance amalgamated with a heat depression over the southwest Punjab and produced fairly widespread rain or snow in the North-West Frontier Province and Kashmir, with a few falls in Baluchistan and the north Punjab between the 24th and the 26th; on passing eastwards, it initiated on the 27th a period of locally wet weather in Assam, which continued until the close of the month. The fifth disturbance of the series crossed the frontier on the 30th after giving rain in Persia on the previous two days, and produced on that date and the 31st fairly general rain or snow in the North-West Frontier Province, with local rain in Kashmir and a few falls in northeast Baluchistan and the north and central Punjab.

3. On the morning of the 12th weather was unsettled in the neighbourhood of Ceylon. These conditions persisted during the next two days and developed into a depression over the north of the island on the morning of the 14th. The depression moved northwards towards the south Coromandel coast and became a storm of small extent, its centre lying about 100 miles east of Cuddalore on the morning of the 16th. The S. S. *Westra* is reported to have encountered the storm on the evening of the 15th about 160 miles off Madras; she then experienced high seas and winds of gale force with hurricane squalls, some damage being done to the main mast and the wireless aerial. The newspapers also report that a country craft was wrecked. The storm weakened rapidly and disappeared near the south Coromandel coast the same evening. It introduced a period of unseasonable wet weather in south Madras between the 11th and the 20th, rainfall being especially heavy on the south Coromandel coast on the 13th and 14th and extending occasionally northwards into the Deccan.

4. The total rainfall of the month was in very large excess in Tenasserim, Malabar and Madras Southeast, but in considerable defect over the whole of northern and central India; averaged over the plains of India, rainfall was in defect by 28 per cent. during the month.

5. The principal fluctuations in temperature during the month occurred in connection with the warm waves which usually travel in front of the western disturbances; departures from the normal were more marked during the day than by night. The first warm wave was of short duration and appeared over northwest India on the 4th. On the 13th, temperature rose again along the frontier in front of the third disturbance and remained high there till the 22nd. The fourth disturbance, which was approaching the frontier about this time, caused a further rise in temperature which was unusually high in the frontier hills on the 22nd, and was about 8° to 12° above normal all along the frontier and in the Punjab on the 24th and the 25th. This warm wave extended eastwards towards

Bengal during the next three days, but became less intense as it extended. The rise in temperature on the frontier, brought about by the fifth disturbance on the 28th, spread rapidly over the country and on the 30th mean temperature was higher than usual everywhere outside Burma, Assam and parts of Madras. A noteworthy feature was the very high temperatures recorded at Hanamkonda, Chitaldrug, Bangalore, Mysore and Kodaikanal at this time. The readings of the maximum thermometer at these stations on the 29th or 30th were higher than any known in the month of March in previous years. During the month temperature did not fall below the normal value over any large portion of the country, except on two occasions. During the first three days of the month it was lower than usual over the tract of country extending from Gujarat to Bihar and Orissa and from the United Provinces to Hyderabad; and about the 11th widespread rain in northeast India caused a reduction in temperature over that area. On the mean of the month maximum temperature was above normal in the whole of northwest India, the United Provinces and Central India; minimum temperature was within 2° of the normal, except in Orissa and Baluchistan.

### Summary of the local conditions.

*Burma, including the Bay Islands.*—Rainfall was in moderate excess in Lower Burma but in large defect in the Bay Islands and Upper Burma. Skies were more clouded than usual in the Bay Islands and Lower Burma. Temperature and humidity were nearly normal.

*Northeast India, including Orissa.*—Rainfall was nearly normal in Bihar, in slight defect in Bengal, in moderate defect in Assam, and in large defect in Orissa and Chota Nagpur. Skies were in general less clouded than usual, and in Chota Nagpur and Bihar humidity was in defect. Minimum temperature was below normal in Orissa.

*The United Provinces, Central India and the Central Provinces.*—Rainfall was in large defect in the Central Provinces, including Berar; in Central India and the United Provinces weather was dry. Cloud proportion was in excess in the Central Provinces East and was nearly normal in Berar; elsewhere it was in defect. Humidity was generally in defect. Maximum temperature was higher than usual in the United Provinces and Central India.

*Northwest India.*—Rainfall was in large defect everywhere, weather being wholly dry in Rajputana and Gujarat. Cloud proportion was nearly normal in Sind and Gujarat, and in defect elsewhere. Humidity was in defect in the Punjab, Kashmir and Gujarat. Maximum temperature was above normal everywhere, the departure from the normal exceeding 4° in the Punjab Southwest, Kashmir, the North-West Frontier Province, Baluchistan and Rajputana West; the minimum also was higher than usual in Baluchistan.

*The Peninsula.*—The total rainfall for the month was about seven times the normal amount in Madras Southeast and three times the normal amount in Malabar; it was nearly normal in the Bombay Deccan and Mysore, in slight defect on the Madras Coast North, in moderate defect in the Konkan, and in large defect in Hyderabad South and the Madras Deccan; there was no rain in Hyderabad North. Skies were more clouded than usual in the Bombay Deccan, Mysore and Madras. Humidity was in excess in Mysore and mostly in defect over the Deccan plateau. Both the maximum and minimum temperatures were nearly normal.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions; and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report; the divisional means, Tables I and II, are based on these observations.

SIMLA ;  
The 9th April 1925.

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C. W. B. NORMAND,  
for Director-General of Observatories.

TABLE I, MARCH.

Division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma .. ..	0·61	0·70	-0·09	-13	+0·2	-0·5	-2	+0·5
Assam .. ..	2·45	3·93	-1·48	-38	+1·6	+0·2	-4	-0·9
Bengal .. ..	1·37	1·70	-0·33	-19	+0·6	-0·7	-1	-0·6
Bihar and Orissa ..	0·45	0·95	-0·50	-53	+0·9	-1·1	-7	-0·9
United Provinces ..	0	0·50	-0·50	-100	+2·1	-0·9	-8	-1·1
Punjab .. ..	0·24	0·97	-0·73	-75	+4·0	+0·9	-8	-1·4
North-West Frontier Province	0·29	1·63	-1·34	-82	+5·7	+1·7	-1	-2·3
Sind .. ..	0·03	0·27	-0·24	-89	+3·7	+1·7	+2	-0·1
Rajputana .. ..	0	0·19	-0·19	-100	+3·6	+0·1	-4	-1·2
Bombay .. ..	0·06	0·10	-0·04	-40	+1·8	+0·6	-6	+0·2
Central India .. ..	0	0·23	-0·23	-100	+2·4	-0·3	-8	-1·1
Central Provinces ..	0·13	0·55	-0·42	-76	+1·3	-1·2	-11	-0·3
Hyderabad .. ..	0·08	0·50	-0·42	-84	+0·6	-0·4	-5	0
Mysore .. ..	0·38	0·36	+0·02	+6	-0·3	+0·1	+7	+2·2
Madras .. ..	1·94	0·50	+1·44	+288	-1·2	-0·3	+1	+1·4
Mean of India .. ..	0·53	0·74	-0·21	-28	+1·5	-0·2	-4	-0·3

TABLE II, MARCH.

Sub-division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
1. Bay Islands .. ..	0.34	0.74	-0.40	-54	-1.8	-0.2	-1	+1.3
2. Lower Burma .. ..	1.08	0.84	+0.24	+29	-0.4	-0.2	-1	+1.4
3. Upper Burma .. ..	0.01	0.50	-0.49	-98	+0.9	-0.9	-4	-0.6
4. Assam .. ..	2.45	3.93	-1.48	-38	+1.6	+0.2	-4	-0.9
5. Bengal .. ..	1.37	1.70	-0.33	-19	+0.6	-0.7	-1	-0.6
6. Orissa .. ..	0.37	1.28	-0.91	-71	+0.9	-2.4	-4	-1.0
7. Chota Nagpur .. ..	0.29	1.11	-0.82	-74	+0.9	-0.2	-5	-0.4
8. Bihar .. ..	0.61	0.60	+0.01	+2	+0.8	-0.7	-8	-1.0
9. United Provinces, East .. ..	0.01	0.37	-0.36	-97	+3.2	-0.4	-11	-1.2
10. Do. do. West .. ..	0	0.62	-0.62	-100	+1.8	-1.4	-4	-1.0
11. Punjab, East and North .. ..	0.34	1.11	-0.77	-69	+3.5	+0.6	-8	-1.6
12. Do. Southwest .. ..	0.06	0.72	-0.66	-92	+4.9	+1.4	-9	-1.2
13. Kashmir .. ..	1.57	3.98	-2.41	-61	+4.2	+0.8	-7	-2.0
14. North-West Frontier Province .. ..	0.29	1.63	-1.34	+82	+5.7	+1.7	-1	-2.3
15. Baluchistan .. ..	0.45	1.27	-0.82	-65	+4.6	+2.7	0	-0.8
16. Sind .. ..	0.03	0.27	-0.24	-89	+3.7	1.7	+2	-0.1
17. Rajputana, West .. ..	0	0.17	-0.17	-100	+5.6	+0.9	-4	-1.3
18. Do. East .. ..	0	0.19	-0.19	-100	+2.3	-0.4	-3	-1.1
19. Gujarat .. ..	0	0.09	-0.09	-100	+3.4	+0.7	-9	+0.3
20. Central India, West .. ..	0	0.07	-0.07	-100	+2.5	-0.1	-7	-0.7
21. Do. do. East .. ..	0	0.39	-0.39	-100	+2.3	-0.5	-9	-1.5
22. Berar .. ..	0.14	0.34	-0.20	-59	+1.3	-0.6	-13	+0.1
23. Central Provinces, West .. ..	0.04	0.42	-0.38	-90	+1.3	-1.1	-13	-0.9
24. Do. do. East .. ..	0.26	0.85	-0.59	-69	+1.4	-1.8	-6	+0.5
25. Konkan .. ..	0.02	0.03	-0.01	-33	+1.8	+1.2	0	0
26. Bombay, Deccan .. ..	0.76	0.17	-0.01	-6	-0.1	+0.1	-7	+0.4
27. Hyderabad, North .. ..	0	0.59	-0.59	-100	+0.9	+0.9	-10	+0.2
28. Do. South .. ..	0.14	0.43	-0.29	-67	+0.4	-1.3	-3	-0.1
29. Mysore .. ..	0.38	0.36	+0.24	+6	-0.3	+0.1	+7	+2.2
30. Malabar .. ..	3.07	1.04	+2.03	+195	-0.5	0	+3	+1.9
31. Madras, Southeast .. ..	3.17	0.45	+2.72	+604	-1.9	+0.1	+3	+1.5
32. Do. Deccan .. ..	0.05	0.22	-0.17	-77	-1.0	-0.4	-5	+0.9
33. Do. Coast, North .. ..	0.30	0.37	-0.07	-19	-0.7	-0.8	-1	+1.0

TABLE III, MARCH.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.		RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.	
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.									
<b>DAY ISLANDS.</b>																					
Fort Blair .. .. .	29.791	-.039	N. 31 W.	2.1	79.7	75.5	88.5	-1.8	92.8	76.1	-0.2	71.3	82	-1	4.5	0.34	-0.40	1	0	0.34	
<b>LOWER BURMA.</b>																					
Victoria Point .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Mergui .. .. .	29.802	-.023	S. 63 E.	4.1	77.7	75.3	89.4	-1.6	92.5	73.1	+0.5	68.5	89	+6	6.3	8.09	+4.97	10	+5.4	1.87	
Tavoy .. .. .	29.847	-.039	N. 31 E.	1.3	76.8	73.8	92.3	-0.8	95.6	72.9	+2.0	66.0	86	0	4.9	1.64	+0.05	3	+0.8	1.01	
Moulmein .. .. .	29.803	-.018	N. 89 E.	3.4	79.2	73.3	94.1	+0.1	97.1	73.2	+0.3	63.3	74	-6	2.5	0	-0.50	0	-0.7	0	
Rangoon .. .. .	29.851	-.022	S. 9 W.	3.8	74.2	71.0	96.4	+0.5	100.0	70.9	-0.3	62.6	85	0	6.9	0	-0.32	0	-0.6	0	
Bassein .. .. .	29.839	-.020	N. 70 W.	4.7	75.2	72.4	95.2	+1.0	99.7	71.1	0	61.8	87	+3	3.4	0	-0.17	0	-0.2	0	
Diamond Island .. .. .	29.809	-.041	N. 32 W.	9.2	79.4	73.7	83.6	-1.4	86.6	75.6	+0.2	70.0	75	-1	2.1	0	-0.17	0	-0.2	0	
Yongoo .. .. .	29.703	-.019	S. 33 E.	1.3	77.0	69.3	96.4	-0.8	99.9	67.2	-1.4	56.3	66	-8	3.3	0	-0.33	0	-0.6	0	
Kyaukpya .. .. .	29.846	-.027	N. 86 E.	2.5	75.8	72.6	84.1	-1.2	89.3	68.8	-1.3	60.4	85	+1	4.6	0	-0.39	0	-0.5	0	
Akyab .. .. .	29.840	-.037	N. 35 E.	3.5	72.7	68.4	89.5	+1.0	94.9	67.1	-1.4	57.4	80	-3	2.5	0	-0.49	0	-0.7	0	
<b>UPPER BURMA.</b>																					
Mianbu .. .. .	29.677	-.028	S. 31 E.	2.5	75.6	64.6	98.0	-0.4	104.1	67.9	-1.5	56.0	53	-3	1.5	0	-0.29	0	-0.4	0	
Yamethin .. .. .	29.206	-.011	..	..	75.5	66.2	97.6	-0.2	102.5	68.4	-0.3	60.8	59	-3	0.6	0.01	-0.36	0	-0.5	0.01	
Mandalay .. .. .	29.598	-.021	S. 18 E.	3.0	74.5	64.2	99.6	+1.5	105.4	67.5	-0.8	60.4	54	+1	0.8	0	-0.19	0	-0.5	0	
Monywa .. .. .	29.577	-.029	N. 10 W.	1.3	74.2	64.0	97.6	+1.1	103.9	67.0	-0.3	60.1	55	-3	1.8	0	-0.35	0	-0.9	0	
Lashio .. .. .	27.072	-.013	S. 45 W.	3.0	64.2	56.6	87.2	+1.6	92.9	55.1	-0.8	48.0	61	-9	0.2	0	-0.59	0	-1.3	0	
Bhamo .. .. .	29.490	-.016	E.	0.7	67.0	62.5	89.8	+1.8	98.7	58.1	-1.4	51.7	77	-5	2.5	0	-0.75	0	-2.0	0	
Myitkyina .. .. .	29.385	-.032	N. 37 E.	4.9	65.8	60.9	85.6	+1.1	94.6	60.0	-1.0	54.0	74	-5	4.7	0.05	-0.89	0	-2.9	0.05	
<b>ASSAM.</b>																					
Disbargarh .. .. .	29.529	-.020	S. 70 E.	1.4	65.4	61.6	78.8	+1.0	88.7	61.2	+0.6	54.8	80	-7	4.6	4.65	+0.06	10	+0.8	0.80	
Sibsagar .. .. .	29.559	-.018	N. 48 E.	1.5	64.7	62.1	80.6	+2.0	89.5	59.5	-0.3	52.6	86	-5	6.1	5.68	+0.90	8	-1.3	1.69	
Tezpur .. .. .	29.632	-.010	N. 47 E.	2.1	67.8	63.1	84.0	+1.4	91.1	63.0	+1.2	56.8	76	-5	2.0	0.33	-1.95	1	-4.1	0.26	
Gauhati .. .. .	29.684	-.022	N. 52 E.	1.3	67.8	63.1	87.0	+2.1	93.3	59.7	0	50.7	76	-3	2.0	0.76	-1.53	4	-0.8	0.30	
Dhubri .. .. .	29.746	-.014	S. 77 E.	3.6	69.5	64.3	87.6	+1.7	95.0	63.4	+0.5	56.4	72	-3	1.3	0.10	-1.66	1	-1.5	0.10	
Silchar .. .. .	29.807	-.003	N. 79 E.	2.0	68.1	64.5	87.1	+1.2	93.8	62.4	-0.7	5.35	81	0	2.9	3.19	-4.72	7	-2.4	0.77	
<b>BENGAL.</b>																					
Cox's Bazar .. .. .	29.834	-.022	S. 72 E.	3.0	74.0	68.8	87.4	+1.0	94.1	64.9	-1.9	55.7	76	-7	2.0	0	-1.52	0	-1.7	0	
Chittagong .. .. .	29.785	-.025	N. 74 E.	3.8	72.4	67.0	87.8	+1.0	94.1	65.2	-2.1	54.2	74	-8	2.5	0.01	-2.55	0	-2.8	0.01	
Narayanganj .. .. .	29.831	-.024	S. 23 W.	1.7	73.2	69.0	89.2	-0.1	96.9	67.7	-0.4	56.3	80	-1	3.6	1.92	-0.77	4	+0.4	1.37	
Barisal .. .. .	29.848	-.019	S. 19 E.	2.0	73.2	70.4	88.9	-0.2	95.0	68.4	-0.3	56.3	86	+3	3.0	0.79	-1.43	2	-1.6	0.52	
Jessore .. .. .	29.830	-.015	S. 18 E.	0.8	72.8	69.6	91.2	0	101.6	66.1	-1.5	51.4	84	+5	3.3	1.98	-0.13	3	-0.2	1.22	
Calcutta .. .. .	29.330	-.023	S. 37 W.	3.9	73.2	69.7	93.3	+2.3	103.0	69.4	0	57.1	83	+3	3.2	0.47	-0.97	1	-1.4	0.39	
Saugor Island .. .. .	29.837	-.026	S. 25 W.	10.9	78.3	73.4	85.1	-1.8	94.7	72.9	-1.5	60.6	78	-5	2.9	1.04	-0.30	3	0	0.60	
Burdwan .. .. .	29.741	-.029	S. 30 W.	1.2	72.8	66.4	93.4	+0.3	105.0	66.4	-1.4	55.0	70	+2	3.3	2.53	+0.26	3	+0.4	2.07	
Berhampore .. .. .	29.787	-.015	S. 18 W.	2.4	74.3	65.9	93.9	+2.2	104.7	63.2	-2.4	50.5	62	-7	2.9	2.43	+1.36	2	0	1.97	
Mymensingh .. .. .	29.804	-.017	S. 45 E.	0.7	70.8	65.6	87.1	-0.2	97.2	65.9	+1.3	55.6	75	-4	3.0	3.68	+1.59	3	-0.5	2.56	
Bogra .. .. .	29.781	-.013	S. 75 E.	1.8	69.9	65.9	90.3	+0.2	101.4	62.9	-0.2	51.2	80	+7	1.4	2.04	+0.80	4	+1.9	1.49	
Dinajpur .. .. .	29.720	-.018	S. 54 W.	1.9	70.5	63.1	90.2	+1.2	99.8	61.1	+0.5	59.8	65	-3	0.8	0.42	-0.33	1	-0.5	0.42	
Jalpaiguri .. .. .	29.572	-.013	N. 70 E.	1.1	67.4	62.7	86.8	+2.1	92.5	60.6	+0.8	50.5	76	-1	0.6	0.50	-0.86	1	-1.4	0.50	
<b>ORISSA.</b>																					
Balasore .. .. .	29.793	-.032	S. 71 W.	4.5	75.5	67.6	93.7	+1.4	104.6	66.9	-2.4	54.5	65	-10	2.5	0.07	-1.91	0	-3.3	0.05	
Hukitala (False Point) .. .. .	29.835	-.019	S. 13 W.	9.9	..	..	..	..	..	..	..	..	..	..	1.3	1.40	+0.32	2	+0.5	1.20	
Cuttack .. .. .	29.776	-.022	S. 64 W.	2.4	75.6	70.8	97.2	+0.6	107.4	70.4	-2.0	63.0	78	0	2.9	0	-1.11	0	-1.6	0	
Sambalpur .. .. .	29.354	-.038	W. 7 E.	1.9	73.0	62.6	96.6	+0.8	105.8	64.4	-2.7	54.7	53	-3	0.8	0	-0.94	0	-1.8	0	
<b>CHOTA NAGPUR.</b>																					
Chalissa .. .. .	29.100	-.024	S. 26 W.	2.8	74.8	64.6	95.1	+1.3	106.0	64.9	-0.3	53.8	55	-7	1.7	0.46	-0.55	1	-1.1	0.46	
Ranchi .. .. .	27.735	+0.005	N. 72 W.	4.0	71.5	57.6	87.4	+0.4	97.4	63.5	-0.1	55.1	42	-3	1.4	0.20	-1.10	1	-1.7	0.20	
Hazaribagh (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.22	-0.82	1	-1.0	0.22		

(a) Reports only rainfall.

(b) Mean of 30 days.

(c) Mean of 29 days.

(d) Mean of 30 days.

STATION.	PRESSURE.		WIND.		TEMPERATURE.					HUMIDITY.			LOUD.	RAINFALL.						
	1	2	3	4	5	6	7	8	9	10	11	12	13	4	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
<b>BIHAR.</b>																				
Purnea .. ..	29.710	-030	N. 49 E.	2.2	69.6	61.7	89.9	+0.6	100.3	57.6	-2.4	47.2	63	-5	0.5	0.27	-0.28	1	-0.2	0.27
Darbhanga .. ..	29.676	-016	N. 23 W.	0.9	70.6	61.2	89.0	+1.3	99.6	59.3	-2.3	48.9	56	-7	0.9	0.01	-0.49	0	-1.2	0.01
Patna .. ..	29.639	-028	S. 45 W.	3.5	73.3	59.8	90.5	+1.0	10.5	65.1	+1.2	55.6	41	-11	0.7	0	-0.47	0	-1.1	0
Gaya .. ..	29.475	-019	S. 34 W.	2.4	74.6	59.3	93.0	+0.7	103.9	66.7	+1.0	57.1	37	-16	0.7	1.35	+0.87	1	-0.2	1.35
Naya Dumka .. ..	29.337	-032	S. 65 E.	2.1	74.1	61.6	91.8	+0.6	103.1	63.5	-1.1	52.5	47	-3	0.8	1.40	+0.39	1	-0.8	1.40
<b>UNITED PROVINCES, EAST.</b>																				
Gorakhpur .. ..	29.575	-015	S. 86 W.	2.9	70.6	58.6	92.1	+2.5	103.1	58.7	-2.9	48.4	45	-12	0.5	0	-0.39	0	-0.8	0
Benares .. ..	29.594	-007	S. 52 W.	2.5	75.7	59.9	94.1	+2.5	104.5	60.8	-0.5	51.4	36	-19	0.6	0	-0.36	0	-0.9	0
Allahabad .. ..	29.531	-031	S. 79 W.	3.0	73.7	58.0	93.6	+1.7	105.0	59.7	-2.0	48.3	34	-13	0.5	0	-0.31	0	-0.8	0
Cawnpore .. ..	29.423	-024	S. 76 W.	2.2	71.8	58.3	91.5	+1.6	103.5	61.8	+1.3	50.5	41	-8	0.5	0.03	-0.67	0	-0.8	0.03
Lucknow .. ..	29.467	-028	N. 75 W.	1.6	71.5	59.2	93.0	+2.4	102.9	61.6	+1.3	53.5	45	-6	0.1	0	-0.35	0	-1.0	0
Bahraich .. ..	29.406	-033	N. 70 W.	2.4	68.5	57.8	90.6	+2.8	101.8	59.4	+0.5	49.7	50	-11	0.8	0	-0.49	0	-0.9	0
<b>UNITED PROVINCES, WEST.</b>																				
Jhansi .. ..	29.044	-019	S. 51 W.	2.9	72.5	59.0	93.7	+1.2	103.6	62.0	-3.4	49.1	41	-1	0.9	0	-0.29	0	-0.9	0
Agra .. ..	29.282	-041	S. 78 W.	5.0	68.7	56.5	90.7	+0.5	98.8	54.7	-1.1	43.7	44	+4	1.3	0	-0.35	0	-1.0	0
Mainpuri .. ..	29.316	-031	N. 80 W.	1.8	69.5	58.2	93.0	+3.8	104.2	59.0	+0.4	48.6	48	-4	0.9	0	-0.32	0	-0.9	0
Bareilly .. ..	29.267	-009	N. 57 W.	1.0	67.0	56.8	88.8	+1.8	99.3	57.3	-1.2	46.9	51	-11	0.6	0	-0.68	0	-1.4	0
Meerut (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-0.62	0	-1.6	0
Roorkee .. ..	28.923	-025	S. 45 W.	2.5	62.5	54.0	86.1	+1.9	98.0	53.4	-1.9	41.7	56	-6	1.0	0	-0.85	0	-1.7	0
Dehra Dun (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-1.25	0	-2.8	0
<b>PUNJAB, EAST AND NORTH.</b>																				
Delhi .. ..	29.114	-033	N. 77 W.	3.1	66.6	55.5	87.1	+1.1	98.0	62.0	+0.4	50.7	45	-7	1.6	0	-0.52	0	-1.4	0
Hissar .. ..	29.109	-039	S. 32 W.	4.0	64.5	54.8	91.4	+4.4	102.7	56.8	+0.1	46.3	51	-6	1.9	0	-0.42	0	-0.9	0
Ambala .. ..	28.923	-033	N. 14 E.	4.2	65.4	54.8	87.9	+4.5	99.3	56.9	+0.9	47.0	48	-15	1.3	0.03	-0.87	0	-2.1	0.03
Ludhiana .. ..	29.019	-029	N. 52 W.	2.6	62.1	54.8	87.8	+3.1	98.9	56.1	-0.9	46.8	58	-4	0.7	0	-1.06	0	-2.1	0
Lahore .. ..	29.136	-030	N. 9 E.	2.0	64.5	56.2	86.4	+3.1	98.1	55.8	+1.2	45.4	57	-9	2.3	0.30	-0.56	2	+0.1	0.17
Shikot .. ..	29.011	-026	N. 16 E.	1.6	63.5	56.5	81.5	+1.1	92.5	53.8	-0.8	42.5	64	-5	2.2	0.28	-1.30	1	-2.2	0.28
Rawalpindi .. ..	28.194	-014	N. 78 W.	2.0	59.3	5.19	80.4	+3.4	91.2	53.6	+3.3	40.5	59	-10	0.5	1.75	-0.69	3	-1.7	1.00
<b>PUNJAB, SOUTH-WEST.</b>																				
Khushab .. ..	29.255	-023	S. 75 E.	3.9	67.8	54.3	87.5	+6.9	97.7	56.2	+0.1	45.4	39(b)	-17	1.6	0.13	-1.02	0	-2.6	0.08
Lyallpur .. ..	29.239	-032	S. 72 E.	2.0	62.4	55.2	85.2	+3.7	95.4	54.2	+0.8	42.8	61	-7	3.7	0.10	-0.70	1	-1.3	0.10
Montgomery .. ..	29.290	-028	N. 82 E.	2.5	66.9	54.7	87.9	+3.9	101.0	57.3	+1.6	42.4	45	-7	1.7	0	-0.49	0	-1.5	0
Multan .. ..	29.441	-022	N. 16 E.	2.5	65.5	56.5	90.5	+5.0	102.2	61.5	+3.1	48.0	54	-4	1.5	0	-0.43	0	-1.1	0
<b>KASHMIR.</b>																				
Srinagar .. ..	24.911	+016	S. 39 E.	3.1	45.2	42.3	61.7	+6.6	72.5	37.6	+0.4	29.1	79	-7	4.2	1.65	-1.98	5	-3.0	0.66
Sonamarg (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4.06	-10.38	8	-6.6	1.48	
Dras .. ..	20.795	+041	N. 23 E.	0.8	10.7	..	31.1	-0.5	42.5	4.1	+1.2	19.4	..	..	3.4	2.43	-1.77	7	-3.8	0.88
Leh .. ..	19.678	+044	S. 63 E.	2.6	28.8	..	46.1	+1.6	55.6	21.7	+0.8	10.0	..	..	3.7	0.28	0	2	+1.0	0.17
Skardu .. ..	22.905	+042	S. 75 W.	2.3	38.6	36.1	56.5	+6.6	73.5	32.2	-0.2	23.3	68(h)	-7	5.4	0.34	-0.49	1	-1.8	0.30
Gilgit .. ..	25.210	+052	S. 48 W.	1.2	52.8	42.7	68.8	+6.9	81.2	46.8	+2.0	38.0	41	-7	4.2	0.63	+0.14	1	-0.6	0.52
<b>NORTH-WEST FRONTIER PROVINCE.</b>																				
Peshawar .. ..	28.773	-035	S. 38 W.	1.1	58.5	52.2	82.4	+7.5	92.8	53.0	+1.5	43.1	63	-8	2.0	0.45	-1.80	3	-1.4	0.17
Dera Ismail Khan .. ..	29.305	-016	N. 13 E.	1.7	67.0	(c) 61.7	85.8	+4.0	96.0	56.9	+1.8	42.0	73	+7	4.2	0.12	-0.90	1	-1.3	0.12
<b>BALUCHISTAN.</b>																				
Fort Sandeman .. ..	25.407	+029	S. 42 E.	4.2	50.5	42.8	74.7	+4.0	87.7	45.3	+1.2	32.8	(c) 48	-11	2.7	0.34	-1.24	1	-2.5	0.15
Harma (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.14	-1.47	1	-2.7	0.10	
Quetta .. ..	24.646	+028	S.	2.3	44.8	40.6	68.7	+5.1	79.7	40.2	+1.4	27.0	(b) 97	+8	2.7	0.98	-0.90	2	-2.0	0.39
Chaman .. ..	25.688	+012	S. 58 E.	5.1	52.2	45.4	70.6	+5.7	84.8	48.5	+3.8	35.1	(b) 57	-1	3.7	0.90	-0.75	3	-1.5	0.38
Kalat .. ..	23.729	+017	S. 17 W.	6.1	39.6	38.6	66.0	+3.9	76.2	35.7	+2.7	20.6	(d) 76	+9	1.8	0.51	-0.56	2	-1.2	0.37
Daibandin .. ..	27.122	+002	N. 67 E.	3.4	55.8	(b) 48.5	82.1	+5.1	94.8	51.2	+4.2	34.7	(b) 55	-2	2.0	0.70	+0.12	4	+2.0	0.24
Pasni .. ..	29.369	-052	N. 61 W.	6.3	66.5	62.8	86.9	+3.1	96.2	..	..	..	82	+1	1.1	0	-0.98	0	-1.1	0
Panjiar .. ..	26.737	+010	N. 71 E.	4.5	54.4	48.7	81.9	+5.5	92.0	52.0	+2.9	38.1	66	+1	1.6	0.03	-0.79	0	-2.0	0.02

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days (d) Mean of 28 days. (h) Mean of 24 days. (i) Mean of 24 days (e) Mean of 17 days

TABLE III, MARCH.

STATION.	PRESSURE.		WIND.		TEMPERATURE.						HUMIDITY.		CLOUD.		RAINFALL.					
	1 At 8 h. reduced to 32° and standard gravity.	2 Departure from normal.	3 Mean direction at 8 h.	4 Mean velocity in miles per hour.	5 MEAN 8 h.		6 MAXIMUM.			7 MINIMUM.			13 Mean 8 h.	14 Departure from normal.	15 Mean amount 8 h.	16 Total of the month.	17 Departure from normal.	18 Number of rainy days.	19 Departure from normal.	20 Heaviest fall in month.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
<b>SIND.</b>																				
Jacobabad .. ..	29.678	-0.023	N. 19 E.	0.9	72.8	56.6	95.3	+4.7	106.5	62.9	+3.1	46.6	30	-16	1.1	0.08	-0.16	0	-0.7	0.08
Hyderabad .. ..	29.776	-0.024	S. 27 W.	3.3	70.6	62.8	97.7	+5.4	106.8	64.7	+0.9	53.0	62	+10	1.9	0	-0.24	0	-0.6	0
Karachi .. ..	29.883	-0.024	N. 57 W.	7.4	73.1	69.5	82.7	+0.9	90.3	68.7	+1.1	59.0	83	+13	3.5	0	-0.33	0	-0.7	0
<b>RAJPUTANA, WEST.</b>																				
Bikaner .. ..	29.073	-0.023	S. 25 E.	4.7	72.1	58.0	94.9	+6.2	105.4	63.6	+0.6	49.9	38	-5	0.9	0	-0.26	0	-0.6	0
Jodhpur .. ..	29.079	-0.025	N. 45 E.	2.5	72.6	56.1	95.9	+5.0	102.7	64.0	+1.3	50.2	29	-3	1.7	0	-0.09	0	-0.2	0
<b>RAJPUTANA, EAST.</b>																				
Jaipur .. ..	28.446	-0.007	N. 58 W.	3.0	71.4	56.7	92.1	+3.0	100.6	59.9	-0.6	46.0	37	-4	1.3	0	-0.37	0	-0.9	0
Ajmer .. ..	28.255	-0.024	S. 71 W.	3.4	64.0	52.8	90.4	+2.2	98.2	59.9	-0.4	44.8	46	-2	0.9	0	-0.19	0	-0.7	0
Kotah .. ..	29.019	-0.032	N. 62 W.	1.0	76.6	59.1	94.4	+1.7	103.6	65.7	-0.2	55.2	30	-4	0.9	0	-0.12	0	-0.3	0
Udaipur (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-0.10	0	-0.3	0	
<b>GUJARAT.</b>																				
Deesa .. ..	29.407	-0.024	N. 77 E.	5.8	75.3	59.3	100.0	+4.2	105.0	59.6	-3.5	45.7	33	-7	0.6	0	-0.08	0	-0.2	0
Bhuj .. ..	29.558	-0.014	N. 77 W.	4.5	77.3	64.7	97.1	+4.2	101.6	64.4	-0.4	52.7	48	-13	1.4	0	-0.12	0	-0.2	0
Dwarka .. ..	29.868	-0.030	N. 42 W.	7.9	74.9	71.0	83.4	+1.5	94.7	70.2	-0.3	62.0	82	+8	3.0	0	-0.20	0	-0.4	0
Rajkot .. ..	29.439	-0.035	N. 38 W.	6.1	75.8	61.9	98.8	+3.9	105.0	63.7	+1.8	51.3	42	-19	2.4	0	-0.07	0	-0.1	0
Veraval .. ..	29.872	-0.021	N. 6 W.	5.6	74.6	64.0	88.6	+3.7	97.8	68.7	+3.2	60.6	54	-11	2.7	0	-0.07	0	-0.2	0
Surat .. ..	29.851	-0.021	N. 43 E.	1.5	78.7	65.5	98.6	+2.7	103.5	68.8	+2.4	57.6	47	-15	2.0	0	-0.02	0	-0.1	0
Ahmadabad .. ..	29.732	-0.014	N. 26 W.	4.1	75.8	60.6	100.2	+3.3	105.2	69.0	+1.8	57.1	37	-7	0.7	0	-0.08	0	-0.3	0
<b>CENTRAL INDIA, WEST.</b>																				
Meemuch .. ..	28.268	+0.001	N. 37 E.	4.1	75.3	58.6	93.5	+2.7	100.7	61.2	+0.1	48.0	33	-6	1.1	0	-0.08	0	-0.3	0
Indore .. ..	28.052	-0.018	N. 20 W.	3.2	74.8	58.1	94.5	+2.3	100.7	60.1	-0.4	47.1	32	-8	0.7	0	-0.06	0	-0.1	0
<b>CENTRAL INDIA, EAST.</b>																				
Nowgong .. ..	29.110	-0.009	S. 42 W.	1.6	71.1	58.0	94.1	+2.7	104.0	59.5	-0.8	47.6	42	-7	1.0	0	-0.29	0	-0.7	0
Sutna .. ..	28.795	-0.028	S. 62 W.	1.9	71.4	55.2	92.2	+1.9	102.3	61.4	-0.1	49.8	31	-12	0.5	0	-0.48	0	-1.1	0
<b>BERAR.</b>																				
Akola .. ..	28.936	-0.016	N. 25 W.	3.1	77.2	57.2	100.1	+1.3	107.7	63.8	-2.0	51.5	23	-10	1.0	0	-0.37	0	-0.7	0
Amraoti .. ..	28.650	-0.009	N. 28 E.	4.0	86.3	58.7	98.9	+1.3	107.6	69.9	+0.8	60.9	21	-15	1.4	0.28	-0.03	1	+0.2	0.25
<b>CENTRAL PROVINCES, WEST.</b>																				
Khandwa .. ..	28.819	-0.019	N. 67 W.	4.2	74.2	56.0	98.6	+1.4	105.2	61.8	-2.9	48.6	25	-10	0.2	0	-0.14	0	-0.4	0
Hoshangabad .. ..	28.873	-0.008	N. 77 E.	0.8	70.0	55.4	96.1	+1.3	104.9	62.1	-1.8	50.8	34	-10	0.6	0	-0.25	0	-0.5	0
Saugor .. ..	28.056	-0.010	S. 18 E.	3.6	75.3	54.8	92.2	+1.3	102.4	66.1	+1.4	56.2	21	-14	1.0	0	-0.35	0	-0.8	0
Jubbulpore .. ..	28.518	-0.020	S. 11 E.	1.5	71.1	55.8	93.7	+1.9	103.3	58.2	-2.3	47.1	34	-14	0.6	0	-0.57	0	-1.5	0
Seoni .. ..	27.839	-0.014	N. 27 E.	3.0	74.9	57.4	93.5	+1.2	103.0	63.2	+0.7	53.1	29	-12	0.9	0	-0.67	0	-1.8	0
Nagpur .. ..	28.850	-0.005	N. 26 E.	3.2	78.4	57.6	98.1	+0.7	107.1	65.7	-1.5	58.8	21	-18	0.8	0.23	-0.20	1	-0.3	0.23
<b>CENTRAL PROVINCES, EAST.</b>																				
Pendra .. ..	27.840	-0.006	N. 26 W.	2.6	76.6	58.8	92.0	+4.4	102.3	62.9	+0.4	54.0	31	-10	2.1	0	-1.34	0	-2.8	0
Raipur .. ..	28.886	-0.012	S. 80 W.	1.8	75.5	59.5	95.9	+0.6	107.1	67.1	-0.9	56.1	34	-9	0.9	0.09	-0.60	0	-1.6	0.09
Chanda .. ..	29.220	-0.021	S. 13 E.	3.3	77.0	62.5	98.7	-0.5	108.1	62.8	-4.1	52.2	40	-5	2.0	0.91	+0.01	1	-3.3	0.91
Jagdalspur .. ..	28.055	-0.022	S. 29 E.	8.5	72.7	64.1	95.0	+1.2	103.8	62.4	-2.6	51.5	61	6	2.9	0.03	-0.42	0	-1.1	0.03
<b>KONKAN.</b>																				
Bombay .. ..	29.832	-0.038	N. 78 E.	6.0	78.0	71.7	89.1	+3.3	95.2	74.4	+1.2	67.2	72	-2	2.1	0	-0.07	0	-0.1	0
Ratnagiri .. ..	29.651	-0.033	S. 75 E.	5.4	80.5	72.6	88.8	+1.7	98.2	72.6	+0.6	62.7	67	-1	0.3	0.07	+0.13	0	0	0.05
Marmagao .. ..	29.810	-0.021	S. 72 E.	4.3	79.7	74.6	87.1	+1.3	94.1	76.1	+1.5	68.2	75	6	3.1	0	-0.02	0	-0.1	0
Karwar .. ..	29.826	-0.026	S. 63 W.	2.5	76.8	73.5	88.4	+1.0	90.9	73.5	+1.4	65.0	85	+2	1.6	0	0	0	0	-0.6
<b>BOMBAY DECCAN.</b>																				
Malegaon .. ..	28.445	-0.014	N. 79 W.	4.2	76.9	57.9	99.1	+1.5	105.2	63.0	-0.1	49.4	26	-14	2.0	0.25	+0.18	1	+0.7	0.20
Ahmadnagar .. ..	27.748	-0.001	N. 50 W.	4.2	77.6	57.2	94.6	-0.2	101.4	65.0	+0.5	49.8	23	-18	1.1	0	-0.16	0	-0.3	0
Poona .. ..	28.039	-0.014	E.	2.7	73.3	58.8	97.8	+0.7	105.2	62.0	-0.8	51.9	59	-7	1.5	0.25	+0.19	1	+0.8	0.25
Sholapur .. ..	28.299	-0.008	N. 85 E.	5.6	79.1	59.9	97.6	-2.0	104.2	69.1	0	58.0	29	-4	1.2	0.06	-0.13	0	-0.4	0.06
Bitapur .. ..	27.929	-0.008	N. 17 E.	3.8	79.3	62.5	96.5	-0.5	103.8	70.3	+0.2	59.2	36	-11	0.6	0.02	-0.24	0	-0.8	0.02
Belgaum .. ..	27.330	-0.023	N. 66 E.	3.7	72.1	63.1	93.9	+0.2	101.1	64.8	+1.1	54.3	60	+14	2.1	0.36	+0.09	1	+0.3	0.27
<b>HYDERABAD, NORTH.</b>																				
Aurangabad .. ..	27.987	-0.017	N. 32 E.	6.8	79.3	56.4	97.0	+1.1	103.9	69.3	+3.3	59.3	18	-13	1.9	0	-0.24	0	-0.5	0
Parbhani (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-1.07	0	-1.3	0	
Nizamabad .. ..	28.607	-0.033	N. 43 E.	1.7	77.5	62.3	99.0	+0.7	107.0	66.7	-1.6	57.2	40	-7	1.1	0	-0.47	0	-0.9	0

(a) Reports only rainfall. (c) Mean of 27 days.

TABLE III, MARCH.

STATION.	PRESSURE.		WIND.		TEMPERATURE.							HUMIDITY.		CLOUD.		RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.
<b>HYDERABAD, SOUTH.</b>																				
Gulbarga .. .. .	28.355	-017	N. 44 E.	5.4	78.8	(b) 80.3	..	..	..	..	..	..	(i) 36	-8	0.6	0.56	+0.19	2	+1.3	0.34
Rajahmundry .. .. .	28.543	-004	S. 46 W.	4.9	80.5	(b) 87.4	98.6	0	106.1	72.1	-1.7	62.6	(b) 50	+3	0.8	0	-0.24	0	-0.5	0
Hyderabad .. .. .	28.162	+001	S. 26 W.	2.8	78.3	65.4	97.1	+0.4	105.5	68.7	-1.4	62.0	49	-6	1.4	0	-0.72	0	-1.0	0
Hanamkonda .. .. .	29.002	+001	S. 32 E.	3.6	77.0	67.6	98.0	+0.9	107.1	71.1	-0.8	63.0	60	-2	2.5	0	-0.39	0	-0.7	0
<b>MYSORE.</b>																				
Chitaldrug .. .. .	27.484	-014	S. 41 E.	1.7	77.2	68.8	94.2	-0.4	101.7	70.0	-0.2	63.2	65	+16	4.1	0	-0.25	0	-0.6	0
Bangalore .. .. .	28.902	-024	S. 34 E.	5.9	78.0	64.8	91.7	+0.6	99.5	65.3	+0.5	58.8	64	+1	2.6	0.33	-0.17	1	+0.1	0.33
Mysore .. .. .	27.369	-036	S. 45 E.	1.5	73.0	66.7	92.5	-1.0	100.0	67.3	-0.1	62.0	71	+3	4.5	0.80	+0.46	1	+0.4	0.80
<b>MALABAR.</b>																				
Mangalore .. .. .	29.799	-037	N. 56 E.	4.0	81.4	75.4	90.5	+0.8	95.5	75.9	+0.8	68.6	74	+2	3.2	1.53	+1.45	1	+0.8	1.53
Calicut .. .. .	29.824	-035	N. 4 W.	5.1	81.1	76.5	90.1	+0.3	92.4	75.6	-0.4	71.7	80	+3	4.3	4.53	+4.06	3	+2.3	3.05
Cochin .. .. .	29.854	-023	N. 53 E.	4.6	80.8	76.0	89.5	-1.8	92.4	77.1	-0.2	72.1	80	+4	3.2	5.19	+3.19	5	+2.2	3.06
Trivandrum .. .. .	29.650	-028	N. 2 E.	5.2	78.9	74.8	86.2	-1.4	89.1	76.2	-0.3	73.8	82	+5	5.3	1.01	-0.61	3	+0.4	0.58
<b>MADRAS, SOUTH EAST.</b>																				
Tinnevely (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.79	+0.84	4	+2.1	0.75	
Pamban .. .. .	29.818	-032	N. 67 E.	4.4	80.4	76.5	88.9	0	92.9	76.9	+0.5	73.4	82	+5	3.8	3.83	+3.30	5	+3.7	1.48
Madura .. .. .	29.394	-053	N. 51 E.	3.3	77.0	73.0	93.5	-2.9	97.9	73.6	+0.4	68.8	82	+9	5.6	4.52	+4.01	4	+3.2	2.85
Negapatam .. .. .	29.830	-033	S. 82 E.	7.7	79.2	74.9	85.7	-3.2	90.1	75.5	-0.5	71.4	81	+5	5.7	6.12	+5.78	6	+5.3	3.95
Trichinopoly .. .. .	29.623	-025	N. 24 E.	3.2	81.3	74.4	97.1	-0.6	103.9	73.3	+0.5	69.1	71	-2	4.1	0.42	-0.01	2	+1.4	0.22
Coimbatore .. .. .	28.536	-017	N. 55 E.	2.2	77.0	72.0	92.9	-3.2	98.9	69.8	-0.1	64.9	78	0	3.6	2.77	+2.29	3	+2.0	2.26
Salem .. .. .	28.956	-024	N. 49 E.	5.1	77.5	71.6	98.3	-0.2	105.1	71.5	+0.4	64.7	74	+1	3.1	0.06	-0.42	0	-0.9	0.04
Onjalore .. .. .	29.827	-024	N. 15 E.	5.0	77.4	74.4	85.5	-3.6	92.1	72.3	-0.2	68.8	86	+4	5.0	6.18	+6.01	4	+3.7	3.50
Madras .. .. .	29.851	-027	S. 48 W.	4.0	78.9	75.1	88.3	-1.5	93.2	71.9	-0.4	66.9	83	+4	4.2	2.86	+2.67	2	+1.7	2.54
<b>MADRAS DECCAN.</b>																				
Cuddapah .. .. .	29.433	-009	S. 85 E.	..	82.0	70.3	100.3	-1.2	108.5	73.7	-1.1	64.2	54	-5	2.9	0.14	-0.07	1	+0.8	0.14
Bellary .. .. .	28.381	-015	S. 49 E.	3.1	80.8	65.8	99.5	-0.8	107.5	72.0	-0.2	62.3	43	-4	1.8	0	-0.20	0	-0.6	0
Kurnool .. .. .	28.927	-016	S. 10 E.	1.8	78.5	65.7	99.5	-0.9	107.2	71.7	0	64.5	48	-5	1.4	0.01	-0.25	0	-0.6	0.01
<b>MADRAS COAST, NORTH.</b>																				
Nellore .. .. .	29.807	-011	S. 9 E.	3.4	78.4	73.7	91.7	-3.2	100.0	72.6	-0.1	67.0	79	-2	2.7	0	-0.15	0	-0.3	0
Masulipatam .. .. .	29.861	-027	N. 75 W.	4.4	79.0	74.3	89.3	-1.7	94.0	71.6	-0.8	64.7	79	-3	3.0	0.08	-0.20	0	-0.3	0.06
Cocanada .. .. .	29.853	-028	N. 54 W.	4.5	78.9	73.9	91.5	-0.5	98.7	73.1	-0.6	68.6	78	0	7.1	0.40	-0.06	1	+0.3	0.40
Vizagapatam .. .. .	29.838	-018	N. 60 W.	6.2	79.5	73.2	88.8	+1.5	94.0	74.5	-0.2	68.2	73	0	3.8	0.44	+0.14	1	+0.6	0.44
Calingapatam .. .. .	29.851	-028	N. 78 W.	6.8	77.4	(h) 72.3	90.1	-1.2	96.0	71.5	-1.2	64.4	77	-2	2.5	0.02	-0.44	0	-0.6	0.02
Gopalpur .. .. .	29.807	-035	N. 56 W.	7.4	78.1	(h) 73.2	87.5	+0.7	89.8	71.2	-1.9	59.6	(h) 78	0	1.5	0.85	+0.31	1	-0.1	0.85
<b>HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN.</b>																				
Maymyo .. .. .	26.382	-031	S. 19 W.	2.3	63.3	56.6	82.4	+1.3	88.0	46.9	-3.7	33.4	67	-5	1.7	0	-0.46	0	-0.9	0
Shillong .. .. .	25.086	-011	S. 42 W.	4.3	60.2	50.3	71.1	+1.1	79.1	50.9	+0.1	36.7	49	-4	1.5	0.55	-1.38	2	-2.3	0.17
Cherrapunji .. .. .	25.660	-013	S. 35 W.	6.5	61.7	54.7	68.6	+0.8	75.3	53.8	-0.1	46.4	65	-4	3.6	6.86	-2.52	7	-0.3	4.62
Darjiling .. .. .	22.902	-003	N. 6 W.	3.5	50.1	(b) 44.6	58.8	+2.3	66.5	43.8	+1.5	37.5	66	-7	2.8	0.26	-1.58	1	-2.8	0.11
Mukteswar .. .. .	22.804	-001	N. 54 W.	7.0	50.1	(b) 40.8	60.4	+0.9	71.6	44.8	+2.7	31.3	44	-4	2.4	0.61	-1.58	2	-2.5	0.21
Mussoorie (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-3.20	0	-6.4	0	
Chakrata .. .. .	23.385	+050	N. 69 E.	8.4	53.6	(b) 45.9	62.5	+1.9	72.7	44.8	+1.7	32.8	57	+2	1.7	0.19	-2.87	1	-3.8	0.11
Singla .. .. .	23.074	+016	N. 20 W.	5.2	50.7	(b) 40.2	57.5	+2.3	67.3	45.7	+2.3	30.6	38	-7	2.0	0.68	-1.99	3	-2.0	0.41
Dalhousie (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.83	..	..	2	..	1.33
Murree .. .. .	23.951	+022	S. 51 E.	5.3	52.8	41.7	60.2	+3.9	71.5	46.5	+4.4	38.2	38	-17	1.5	2.93	-1.94	3	-4.2	1.63
Cherat .. .. .	25.697	+003	N. 2 E.	7.8	56.7	(c) 47.5	69.1	+8.7	81.0	52.3	+5.5	42.0	56	-6	2.0	0.81	-3.56	2	-4.1	0.38
Parachinar .. .. .	24.433	+022	Calm	2.4	51.4	(c) 43.2	66.3	+7.3	78.4	40.7	+2.4	30.1	49	-13	2.1	1.73	-2.81	6	-2.9	0.62
Drosh .. .. .	25.089	-049	N. 78 E.	2.6	50.6	43.5	65.9	+7.9	82.1	44.7	+5.0	35.4	55	-12	3.2	1.54	-1.88	4	-3.4	0.66
Mount Abu .. .. .	26.047	+008	N. 38 W.	3.7	72.0	63.0	80.1	+3.4	86.4	64.7	+3.6	54.2	25	-10	1.6	0	-0.17	0	-0.4	0
Pachmarhi .. .. .	26.447	-001	N. 38 W.	3.0	69.6	55.1	86.1	+2.0	94.5	58.6	-1.2	45.1	38	0	0.8	0	-0.48	0	-1.1	0
Mercara .. .. .	26.170	-029	N. 43 E.	2.9	69.1	62.6	84.2	-0.3	91.1	61.2	-0.1	57.0	70	+1	6.4	1.29	+0.68	3	+1.5	0.76
Kodalkanal .. .. .	22.768	-036	N. 39 E.	8.0	56.8	48.2	69.6	+0.4	77.4	49.3	-1.2	41.3	56	+8	3.6	1.38	-0.65	5	+1.8	0.53
<b>CEYLON.</b>																				
Colombo .. .. .	29.819	-037	N. 45 E.	2.2	74.4	72.7	87.0	-2.6	92.3	73.7	-0.8	71.0	93	+9	6.1	7.33	+2.90	10	+4.0	2.23

\* Aneroid

(a) Reports only rainfall.

(b) Mean of 30 days.

(c) Mean of 29 days.

(h) Mean of 24 days. (i) Mean of 23 days.

# MONTHLY WEATHER REPORT

FOR

April 1925.

Supplement to the Indian Daily Weather Report for the 15th May 1925.

*Published by order of the Governor General in Council.*

*Summary.*—A copious inflow of moist winds from the Bay of Bengal caused unusually wet weather in Burma and northeast India. The western disturbances that passed into northwest India were feeble and weather over this area, as well as in the central parts of the country, was accordingly very dry and hot. Thunder showers occurred as usual over the Peninsula; and a storm gave rough weather in the Andaman Sea and off the south Arakan coast between the 10th and the 13th.

2. The first western disturbance of the month entered Persia as a very deep depression by the morning of the 3rd and gave a few falls of rain there in the next two days; it then passed to the north of the Indian area, in which it gave local rain in Kashmir on the 7th and caused a rise of temperature along the frontier. The next disturbance began to affect Persia on the 8th and produced fairly general rain in the western Himalayas with local falls in the North-West Frontier Province between the 9th and the 11th and many duststorms in the Punjab plains on the 10th. The third affected Persia on the 12th, but remained unimportant with regard to its effect on the Indian weather. The last disturbance of the series appeared in Persia on the 14th and gave fairly general rain there during the next four days; crossing the frontier on the 15th it caused on that date and the next, local rain in Kashmir, with a few falls in the North-West Frontier Province. The somewhat unsettled conditions which were left by this disturbance in the northwest and the very high temperatures which prevailed there during the next few days contributed to the formation of a depression which became well marked and lay over the southwest Punjab on the morning of the 24th. The depression drew in moist winds from both the Bay and the Arabian Sea and produced nearly general rain in the western Himalayas between the 23rd and the 25th.

3. In northeast India rainfall was confined to Assam during the first week. During the next two weeks local rain fell almost daily in north Bengal and Assam and extended occasionally into Upper Burma, south Bengal and Bihar and Orissa. The formation of a well marked depression over the southwest Punjab about the 23rd stimulated the inflow of humid winds from the Bay and rainfall became widespread over northeast India and the east United Provinces, with some heavy falls in Bihar and north Bengal. With the filling up of the depression over the Punjab rainfall retreated from the United Provinces East and Bihar and Orissa and became nearly general in Arakan and Upper Burma; at 8 A.M. on the 26th Kyaukpyu reported 7" and Akyab 4". Thereafter till the close of the month fairly general rain fell in Assam, Silchar recording 5" on the 30th.

4. In the Peninsula local thundershowers set in on the Malabar coast towards the close of the first week and scattered thundershowers occurred over the Deccan till the 15th. Thereafter numerous thunderstorms were reported almost every day, but the associated rainfall was confined chiefly to the southern half of the division. At the end of the month weather conditions were somewhat unsettled in the southeast Arabian Sea.

5. Local thundershowers set in in Tenasserim about the end of the first week. On the morning of the 8th weather appeared unsettled in the Andaman Sea, and during the next twentyfour hours a depression formed almost due east of Port Blair. By the morning of the 10th, it had developed into a storm with centre near Table Island, which moved next morning to near Lat. 15°N., Long. 93°E., its direction of motion being almost northwesterly. It took a more northerly course later and the position of the centre on the morning of the 12th was about 100 miles westsouthwest of Diamond Island. The path of the storm then curved to northeast and it crossed the coast near Bassein on the morning of the 13th. The storm caused between the 10th and the 14th widespread and fairly heavy rain on the coast between Diamond Island and Mergui. Several houses are reported to have been destroyed in the Pyapon district to the southwest of Rangoon, and a barque is also reported to have been lost. After the disappearance of the storm rainfall ceased in Tenasserim except for local rain on the 28th. Weather conditions were also unsettled in the centre of the Bay about the 25th.

6. The principal features in the distribution of rainfall over the country were the occurrence of very large excesses over the normal in Burma, Bengal, Bihar and Orissa and the east of the United Provinces, and the almost complete absence of rain over the greater part of northwest India and the central parts of the country.

7. The first western disturbance of the month caused a rise in temperature along the frontier on the 3rd and the area of high temperatures spread out over the whole of northwest India by the 7th. The second disturbance, which was then approaching the frontier, caused a further rise and temperature continued high over northwest India up to the 11th and rose also in the central parts of the country. Conditions were roughly normal thereafter till the 14th when the fourth disturbance again raised the temperatures along the northwest frontier. This rise extended up to the United Provinces and the central parts of the country during the next three or four days and till the 24th weather was abnormally hot over this wide area, where several stations recorded, about the 23rd, temperatures higher than any known in the month of April during previous years. Thus the thermometer rose to  $119^{\circ}$  at Jacobabad,  $117^{\circ}$  at Bikaner,  $115^{\circ}$  at Jodhpur,  $112^{\circ}$  at Neemuch,  $112^{\circ}$  at Lyallpur,  $115^{\circ}$  at Multan,  $87^{\circ}$  at Srinagar,  $99^{\circ}$  at Fort Sandeman,  $91^{\circ}$  at Quetta,  $97^{\circ}$  at Chaman and Kalat and  $106^{\circ}$  at Panjgur. At Mount Abu, Pachmarhi and Kodaikanal also the highest readings surpassed the previous record for the month. During the month temperature rarely fell below the normal value over the country except between the 9th and the 13th and during the last week when the occurrence of local or widespread rain caused a reduction in temperature in Burma and northeast India and occasionally in the east of the United Provinces. On the mean of the month both the maximum and minimum temperatures were higher than usual over the whole of northwest India and the central parts of the country including the United Provinces West and the adjacent portions of the Peninsula; on the other hand, the maximum was below normal in the Bay Islands, Lower Burma, Bengal and Bihar.

### Summary of the local conditions.

*Burma, including the Bay Islands.*—Rainfall was in slight defect in the Bay Islands but was nearly equal to twice the normal amount in Burma. Skies were somewhat more clouded than usual in Burma, and humidity was in excess in Upper Burma. Maximum temperature was below normal in Lower Burma and the Bay Islands.

*Northeast India, including Orissa.*—The total rainfall of the month exceeded twice the usual amount in Chota Nagpur and Bihar and was also in large excess in Bengal; it was nearly normal in Assam and Orissa. Cloud proportion was nearly normal except in Bihar where it was in excess. Humidity was in excess in Chota Nagpur and Bihar. Maximum temperature was below normal in Bengal and Bihar.

*The United Provinces, Central India and the Central Provinces.*—The total rainfall of the month exceeded twice the usual amount in the United Provinces East, and was in slight defect in the United Provinces West and the Central Provinces East; there was no rain in the other sub-divisions. Skies were less clouded than usual except in the east of the Central Provinces. Humidity was in excess in the United Provinces East and in defect in Central India West, Berar and the Central Provinces West. Maximum temperature was above normal except in the United Provinces East; the minimum was higher than usual almost everywhere.

*Northwest India.*—Rainfall was in slight excess in Kashmir, and in large defect in the Punjab, the North-West Frontier Province and Rajputana East; there was no rain in the other sub-divisions. Cloud proportion was nearly normal in Kashmir and the Punjab Southwest, but was in defect elsewhere. Humidity was in defect in the Punjab Southwest and Baluchistan. Both the maximum and minimum temperatures were higher than usual throughout the division, the departure from the normal in the case of the former averaging about  $8^{\circ}$  in the North-West Frontier Province and Baluchistan.

*The Peninsula.*—The total rainfall of the month was in large excess on the Madras Coast North, in moderate excess in Mysore and the Madras Deccan; it was nearly normal in the Bombay Deccan, and Hyderabad South, in slight defect in the Konkan, Malabar and Madras Southeast and in large defect in Hyderabad North. Skies were more clouded than usual in Mysore and the Madras Coast North, while cloud proportion was in defect in the Bombay Deccan and Hyderabad North. Humidity was in defect in Hyderabad North. Maximum temperature was above normal in the Bombay Deccan and Hyderabad; the minimum was also higher than usual in the Konkan and Hyderabad North.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions; and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report; the divisional means, Tables I and II, are based on these observations.

Division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Barma .. ..	4.00	1.98	+2.02	+102	-2.3	-0.2	+3	+1.8
Assam .. ..	9.83	8.74	+1.09	+12	-0.3	+1.3	0	+0.7
Bengal .. ..	6.36	3.46	+2.90	+84	-2.0	+0.2	+3	+0.7
Bihar and Orissa ..	1.88	0.89	+0.99	+111	-2.6	+0.5	+7	+0.4
United Provinces ..	0.42	0.83	+0.09	+27	+0.8	+2.2	+5	-0.8
Panjab .. ..	0.23	0.74	-0.51	-69	+5.7	+3.8	-5	-0.6
North-West Frontier Province	0.32	1.23	-0.97	-75	+8.2	+4.8	-1	-1.1
Sind .. ..	0	0.14	-0.14	-100	+6.0	+3.2	-1	-0.4
Rajputana .. ..	0.61	0.20	-0.19	-95	+5.1	+3.5	-3	-1.4
Bombay .. ..	0.30	0.82	-0.02	-6	+2.1	+1.5	0	-0.5
Central India .. ..	0	0.16	-0.16	-100	+3.8	+2.5	-2	-1.5
Central Provinces ..	0.24	0.49	-0.25	-51	+3.2	+2.2	-5	-0.8
Hyderabad .. ..	0.61	0.70	-0.09	-13	+2.9	+1.7	-3	-0.1
Mysore .. ..	2.09	1.53	+0.56	+37	+0.8	+0.4	+3	+1.2
Madras .. ..	1.40	1.47	-0.07	-5	+0.1	+0.6	+1	+0.2
Mean of India .. ..	1.75	1.31	+0.44	+34	+1.5	+1.7	0	-0.1

Sub-division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
1. Bay Islands .. ..	1.98	2.48	-0.50	-20	-2.1	-0.4	-1	+0.2
2. Lower Burma .. ..	4.90	2.35	+2.55	+109	-3.1	-0.4	+2	+2.4
3. Upper Burma .. ..	2.84	1.46	+1.38	+95	-1.3	0	+5	+1.0
4. Assam .. ..	9.83	8.74	+1.09	+12	-0.3	+1.3	0	+0.7
5. Bengal .. ..	6.36	3.46	+2.90	+84	-2.0	+0.2	+3	+0.7
6. Orissa .. ..	1.14	1.17	-0.03	-3	-1.4	+0.4	+3	-0.6
7. Chota Nagpur .. ..	2.31	0.89	+1.42	+160	-1.3	+0.3	+10	+0.2
8. Bihar .. ..	2.22	0.67	+1.55	+231	-3.8	+0.8	+7	+1.3
9. United Provinces, East ..	0.56	0.25	+0.31	+124	-0.5	+2.3	+7	-0.4
10. Do. do. West ..	0.30	0.39	-0.09	-23	+2.4	+2.1	+1	-1.1
11. Punjab, East and North ..	0.35	0.80	-0.45	-56	+5.0	+3.8	-4	-0.9
12. Do. Southwest ..	0.04	0.64	-0.60	-94	+7.0	+3.8	-7	+0.1
13. Kashmir .. ..	4.01	3.36	+0.65	+19	+4.1	+2.7	0	+0.2
14. North-West Frontier Province	0.32	1.29	-0.97	-75	+8.2	+4.8	-1	-1.1
15. Baluchistan .. ..	0	0.79	-0.79	-100	+7.8	+4.1	-10	-0.7
16. Sind .. ..	0	0.14	-0.14	-100	+6.0	+3.2	-1	-0.4
17. Rajputana, West .. ..	0	0.19	-0.19	-100	+6.7	+4.8	-3	-1.1
18. Do. East .. ..	0.01	0.21	-0.20	-95	+4.0	+2.6	-3	-1.5
19. Gujarat .. ..	0	0.04	-0.04	-100	+2.5	+1.7	+2	-0.6
20. Central India, West ..	0	0.13	-0.13	-100	+3.9	+2.7	-5	-1.5
21. Do. do. East .. ..	0	0.19	-0.19	-100	+3.7	+2.3	+1	-1.5
22. Berar .. ..	0	0.19	-0.19	-100	+3.7	+3.3	-7	-0.9
23. Central Provinces, West ..	0	0.27	-0.27	-100	+3.1	+2.2	-8	-1.3
24. Do. do. East .. ..	0.71	0.96	-0.25	-26	+3.3	+1.7	-1	-0.1
25. Konkan .. ..	0.25	0.35	-0.10	-29	+1.6	+2.1	-1	-0.3
26. Bombay, Deccan .. ..	0.68	0.62	+0.06	+10	+2.0	+0.9	-1	-0.5
27. Hyderabad, North .. ..	0.10	0.40	-0.30	-76	+3.3	+2.9	-9	-0.9
28. Do. South .. ..	1.00	0.90	+0.10	+11	+2.7	+0.9	0	+0.3
29. Mysore .. ..	2.09	1.53	+0.56	+37	+0.8	+0.4	+3	+1.2
30. Malabar .. ..	2.84	3.43	-0.59	-17	+0.6	+0.7	+1	+0.7
31. Madras, Southeast .. ..	1.16	1.41	-0.25	-18	+0.4	+0.5	+1	-0.2
32. Do. Deccan .. ..	0.84	0.59	+0.25	+42	+0.6	+1.6	-3	-0.5
33. Do. Coast, North .. ..	1.07	0.70	+0.37	+53	-0.8	+3.3	+1	+0.3

STATION.	PRESSURE.		WIND.		TEMPERATURE.							HUMIDITY.		CLOUD.		RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heavyest fall in month.
				Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.									
<b>RAY ISLANDS.</b>																				
rt Blaft .. ..	29.792	+0.003	N. 42 W.	4.6	82.1	77.4	80.1	-2.1	92.8	78.8	-0.4	76.8	80	-1	4.3	1.95	-0.59	4	+0.1	0.70
<b>LOWER BURMA.</b>																				
rght .. ..	29.815	+0.026	S. 69 E.	4.7	80.0	76.5	80.2	-2.7	95.0	74.3	-0.1	71.2	84	+2	5.5	4.71	-0.57	8	+1.9	0.93
voy .. ..	29.861	+0.013	N. 57 E.	1.0	80.4	75.6	92.2	-1.7	97.2	75.6	+1.0	71.0	79	-4	5.7	1.57	-1.06	4	+0.3	0.72
ulmein .. ..	29.815	+0.035	N. 82 E.	2.0	80.0	75.2	89.9	-4.6	94.9	75.1	-1.5	68.5	70	+1	6.6	5.07	+2.30	5	+1.2	1.60
ngoon .. ..	29.859	+0.091	S. 34 W.	4.5	79.8	75.7	91.8	-6.2	98.2	75.5	-0.6	71.6	82	+2	8.4	4.63	+3.00	2	+0.3	3.41
sseln .. ..	29.741	+0.025	N. 74 W.	4.3	78.8	75.7	91.5	-4.7	98.8	75.6	-0.8	71.8	86	+8	6.5	1.17	+0.11	6	+4.6	0.33
mond Island ..	29.805	-0.003	N. 43 W.	9.2	81.8	77.1	85.2	-8.0	88.3	78.1	-0.7	72.7	89	+6	4.5	7.48	+0.69	7	+6.1	2.93
ungoo .. ..	29.681	+0.011	..	..	80.7	75.2	95.6	-4.7	99.8	74.6	-1.4	71.0	76	+4	4.7	2.43	+0.48	2	-0.6	2.15
aukpyu .. ..	29.838	+0.015	N. 72 E. (g)	2.9	81.7	76.6	88.9	-0.1	94.5	76.2	+0.8	71.2	79	+1	6.7	9.94	+8.45	4	+2.2	7.04
yab .. ..	29.831	+0.011	N. 61 E. (k)	6.4	79.9	75.0	90.9	-0.4	95.2	74.8	-0.5	69.3	79	-2	4.7	7.06	+4.99	5	+2.9	4.16
<b>UPPER BURMA.</b>																				
nbn .. ..	29.679	+0.030	S. 27 E.	4.0	82.6	74.3	100.1	-2.5	106.3	76.5	-0.5	71.8	67	+7	3.9	0.65	-0.12	3	+1.8	0.37
methin .. ..	29.203	+0.040	..	..	81.0	75.9	98.5	-2.4	103.3	76.1	0	70.6	72	+8	2.9	3.09	+1.59	6	+3.6	2.04
ndalay .. ..	29.588	+0.087	S. 14 E.	4.7	84.0	73.4	102.4	0	107.4	78.0	+0.7	72.2	59	+4	3.1	0.74	-0.38	4	+1.8	0.26
nywa .. ..	29.563	+0.023	N. 60 E.	2.5	81.9	71.5	100.5	-0.7	104.9	75.3	+0.4	70.7	58	+1	3.7	0.78	-0.02	1	-0.8	0.70
shio .. ..	27.082	+0.026	E.	2.0	68.8	63.7	86.8	-2.2	94.5	62.8	+0.4	58.1	75	+6	4.3	3.77	+1.59	10	+5.3	0.86
hmo .. ..	29.470	+0.032	N.	0.7	73.3	69.7	91.3	-1.2	97.3	64.7	-1.8	60.3	83	+6	4.5	6.09	+4.20	11	+6.2	1.38
ytkyina .. ..	29.367	+0.021	N. 27 E.	3.8	71.7	67.7	83.2	-0.1	95.2	67.6	+1.0	62.6	81	+6	6.6	4.79	+2.83	9	+3.5	1.17
<b>ASSAM.</b>																				
brugath .. ..	29.498	+0.016	N. 71 E. (c)	1.3	71.4	68.6	81.1	+1.6	90.1	67.2	+1.8	61.1	86	-3	6.0	5.87	-4.21	13	-1.3	1.10
osgar .. ..	29.620	+0.016	N. 53 E.	1.2	71.2	68.7	82.9	+0.8	91.0	67.4	+1.5	61.4	88	-2	8.2	10.14	+0.03	16	+1.6	1.26
zpur .. ..	29.603	+0.032	N. 47 E.	2.4	72.9	68.6	83.9	+0.5	92.4	68.8	+1.7	63.2	84	0	6.9	9.40	+3.21	12	+0.1	2.54
hhati .. ..	29.667	+0.027	N. 46 E.	1.0	72.9	69.2	85.6	-0.4	95.0	68.6	+1.4	64.2	82	0	6.6	5.89	-0.72	14	+2.2	1.15
ubri .. ..	29.725	+0.045	S. 62 E.	5.9	73.9	69.9	83.3	-4.2	98.2	70.0	+0.2	65.1	82	+3	5.2	14.38	+9.24	10	+7.9	3.08
hchar .. ..	29.764	+0.027	N. 86 E.	1.7	75.6	72.0	87.8	+0.1	93.0	69.8	+1.0	64.3	84	0	5.5	13.30	-1.03	15	+0.5	2.69
<b>BENGAL.</b>																				
ix's Bazar .. ..	29.811	+0.014	S. 81 E.	3.3	80.5	76.0	89.6	+1.6	93.7	72.6	+0.4	64.5	81	-2	4.0	6.12	+0.99	7	+1.9	3.10
uttagong .. ..	29.776	+0.016	S. 65 E.	4.6	79.6	75.4	89.6	+1.0	91.5	73.3	+0.3	65.4	82	+1	2.6	7.49	+2.02	6	+0.3	1.98
arayanganj .. ..	29.789	+0.019	S. 12 E.	2.4	80.0	75.9	91.6	-0.4	97.5	74.3	+0.3	69.2	82	0	4.7	5.35	-0.13	7	+0.2	1.27
risal .. ..	29.363	+0.021	S.	2.6	81.0	77.1	91.3	-0.2	95.6	75.2	+0.7	62.4	83	+1	3.3	3.46	-1.32	8	+2.2	0.76
ssore .. ..	29.777	+0.029	S. 4 E.	2.2	80.0	77.0	94.3	-1.8	101.0	74.4	-0.2	68.7	87	+6	5.1	8.33	+4.67	7	+2.0	2.51
cutta .. ..	29.764	+0.013	S. 10 W.	5.4	81.3	77.4	94.4	-1.1	102.1	76.3	+0.6	68.7	83	+4	5.5	3.35	+1.46	6	+2.8	1.22
ugor Island .. ..	29.777	+0.010	S. 15 W.	17.7	83.6	78.6	87.8	-2.3	89.3	79.1	-0.2	71.2	79	-2	5.7	1.17	+0.03	2	-0.1	0.72
riwan .. ..	29.667	+0.004	S. 14 W.	3.2	80.2	76.0	95.3	-4.3	104.8	74.2	-0.9	65.0	82	+8	5.1	3.64	+1.53	6	+2.5	0.86
erbampore .. ..	29.722	+0.026	S. 26 E.	4.2	80.4	74.8	95.6	-3.4	105.9	72.8	-1.3	64.4	76	+3	5.6	5.62	+4.22	9	+6.3	1.69
ymensingh .. ..	29.769	+0.030	S. 42 E.	1.2	76.4	71.8	88.0	-2.2	97.9	72.1	+0.5	67.2	79	-2	6.9	12.13	+6.38	11	+3.8	2.76
ogra .. ..	29.740	+0.037	S. 71 E.	3.4	76.5	73.1	90.7	-4.4	101.6	71.3	-0.1	65.9	85	+8	4.9	9.54	+7.27	12	+8.3	2.11
inajpur .. ..	29.684	+0.037	N. 78 E.	3.4	75.7	70.5	87.5	-6.4	100.3	70.9	+1.2	63.8	78	+6	6.1	9.79	+7.65	10	+6.9	2.80
alpalguri .. ..	29.533	+0.027	N. 78 E.	1.8	73.6	69.4	87.0	-2.1	95.7	68.7	+0.7	64.0	80	+3	6.2	6.73	+3.00	10	+4.4	1.58
<b>ORISSA.</b>																				
alasore .. ..	29.719	-0.002	S. 28 W.	7.4 (d)	82.9	76.8	94.7	-2.9	102.0	75.3	-0.4	67.1	73	-2	4.4	0.69	-1.47	2	-1.9	0.45
ukitais (False Point) (e) ..	29.772	+0.010	S. 3 E.	15.3	..	..	..	..	..	..	..	..	..	..	1.5	1.81	+1.01	2	+0.5	1.55
uttack .. ..	29.705	+0.002	S. 35 W.	4.7 (g)	82.9	78.1	98.8	-3.0	107.6	78.3	+0.6	68.4	80	+5	5.2	1.33	+0.18	2	+0.1	1.08
antapur .. ..	29.257	-0.032	S. 35 E.	3.3	83.9	73.0	104.0	+0.8	108.0	76.1	+0.9	64.7	58	+7	0.6	0.83	+0.18	1	-0.6	0.83
<b>CHOTA NAAGPUR.</b>																				
halbasa .. ..	29.010	-0.012	S. 34 W.	3.4	83.4	74.0	102.4	+0.3	107.0	75.3	+1.2	69.7	63	+5	2.4	1.89	+0.65	3	+0.5	0.98
uchl .. ..	27.653	+0.004	S. 21 W.	4.0	79.1	67.9	92.9	-3.0	102.2	71.0	-0.7	63.5	57	+15	1.8	2.47	+1.52	3	+0.6	1.66
azaribagh (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2.57	+2.08	2	+0.6	2.38	

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (e) Mean of 25 days. (f) Mean of 21 days.

STATION.	PRESSURE.		WIND.		TEMPERATURE.							HUMIDITY		CLOUD.	RAINFALL.					Has Vies fall in mon. th.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		20
	At 8 h. reduced to 32° and standard gravity.	Depart- ure from normal.	Mean direc- tion at 8 h.	Mean velo- city in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	De- par- ure from nor- mal.	Mean am- ount 8 h.	Total of the mon- th.	Depart- ure from normal.	Num- ber of rainy days.	Depart- ure from normal.		
					Dry bulb.	Wet bulb.	Mean.	Depart- ure from normal.	Highest in mon- th.	Mean.	Depart- ure from normal.	Low- est in mon- th.									
<b>BIHAR.</b>																					
Purnea .. .. .	29.662	+0.21	N. 83 E.	4.0	76.6	70.0	90.3	-5.9	99.5	70.1	+0.5	60.8	72	+4	4.7	5.15	+3.93	3	+1.1	4.0	
Darbhanga .. .. .	29.606	+0.19	N. 64 E.	3.4	77.3	69.7	91.7	-4.1	99.0	71.2	+0.5	63.9	68	+4	4.5	2.50	+1.78	3	+1.5	1.3	
Patna .. .. .	29.563	+0.06	N. 87 E.	6.7	79.2	70.5	94.9	-4.1	102.5	73.9	+0.6	67.6	65	+14	2.3	0.53	+0.23	1	+0.4	0.5	
Gaya .. .. .	29.365	-0.06	N. 77 E.	3.9	84.3	70.4	101.2	-1.1	107.0	77.4	+2.3	70.2	49	0	0.6	0.03	-0.19	0	-0.6	0.0	
Nava Dumka .. .. .	29.263	0	S. 24 E.	3.1	81.4	72.7	95.6	-3.9	104.6	73.6	-0.1	69.4	66	+13	3.6	2.91	+2.01	4	+2.0	1.6	
<b>UNITED PROVINCES, EAST.</b>																					
Gorakhpur .. .. .	29.505	+0.25	E.	5.1	79.1	70.4	96.4	-3.0	105.1	71.5	0	64.0	64	+12	1.6	2.38	+1.98	2	+1.2	2.0	
Benares .. .. .	29.471	-0.26	S. 61 E.	3.1	84.8	71.2	101.7	-0.4	108.5	74.5	+3.1	63.6	50	+4	1.8	0.21	+0.04	1	+0.6	0.21	
Allahabad .. .. .	29.411	-0.27	S. 89 E.	4.2	84.6	68.9	102.6	-0.2	110.1	73.8	+1.8	63.5	43	+7	0.6	0	-0.15	0	-0.4	0	
Cawnpore .. .. .	29.305	-0.21	S. 51 E.	2.3	83.1	69.0	101.7	+0.6	108.7	74.1	+2.6	64.9	44	+4	0.1	0	-0.21	0	-0.5	0	
Lucknow .. .. .	29.357	-0.16	N. 25 E.	1.3	82.1	68.9	102.3	+0.8	109.9	73.8	+1.1	63.8	49	+11	0.1	0.01	-0.25	0	-0.6	0.01	
Bahraich .. .. .	..	..	S. 83 E.	3.4	80.0	68.7	97.4	-1.1	103.0	72.5	+3.3	62.7	55	+6	1.9	0.74	+0.42	2	+1.3	0.55	
<b>UNITED PROVINCES, WEST.</b>																					
Jhansi .. .. .	28.908	-0.41	S. 69 W.	3.0	85.2	65.4	105.8	+2.8	112.4	75.6	-0.5	66.8	30	-4	0	0	-0.15	0	-0.6	0	
Agra .. .. .	29.145	-0.55	S. 62 W.	5.7	83.9	64.7	104.4	+2.7	111.8	70.8	+3.0	61.0	31	+7	0.2	0	-0.24	0	-0.7	0	
Mainpuri .. .. .	..	..	E.	1.5	83.7	68.0	105.0	+4.1	114.3	73.9	+4.3	61.9	42	+2	0.1	0	-0.35	0	-0.7	0	
Bareilly .. .. .	29.166	+0.03	N. 81 E.	0.9	81.2	68.1	103.2	+1.1	109.9	71.1	+2.3	59.1	48	-1	0.5	0	-0.31	0	-0.7	0	
Meerut (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.10	-0.33	1	+0.2	0.10		
Roorkee .. .. .	28.825	-0.12	S. 57 E.	3.9	77.8	64.7	97.3	+1.3	104.9	66.6	+1.5	55.4	46	+3	1.9	0.20	-0.30	1	-0.2	0.17	
Dehra Dun (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.83	+1.09	4	+2.3	0.53		
<b>PUNJAB, EAST AND NORTH.</b>																					
Delhi .. .. .	28.999	-0.31	N. 22 E.	3.7	80.4	65.6	100.2	+2.3	105.6	75.8	+3.6	68.3	42	+3	0.8	0	-0.39	0	-0.8	0	
Hissar .. .. .	28.979	-0.45	S. 64 W.	4.5	81.7	65.4	105.1	+6.2	113.2	70.7	+3.2	59.1	38	-4	1.3	0	-0.39	0	-0.8	0	
Ambala .. .. .	28.814	-0.30	N. 89 E.	4.7	81.1	65.2	100.7	+5.2	107.6	71.0	+5.3	61.5	39	-9	1.8	0.35	-0.23	1	-0.7	0.35	
Ludhiana .. .. .	29.839	-0.39	S. 73 E.	3.2	78.4	64.4	101.9	+6.4	109.5	70.0	+3.2	59.4	44	-2	0.8	0.20	-0.65	1	-0.5	0.12	
Lahore .. .. .	28.999	-0.44	N. 69 E.	2.3	79.9	66.1	101.0	+5.3	111.3	69.7	+5.1	60.2	45	-6	2.8	0.06	-0.43	0	-1.6	0.06	
Sialkot .. .. .	28.878	-0.39	N. 24 E.	2.2	78.1	65.0	96.7	+3.8	106.5	67.2	+2.2	54.5	47	-6	2.6	0.06	-0.88	0	-2.1	0.03	
Rawalpindi .. .. .	28.085	-0.24	N. 34 E.	2.2	74.5	61.9	92.1	+5.8	106.2	64.0	+4.9	54.1	49	-7	0.5	1.75	-0.19	4	+0.1	0.55	
<b>PUNJAB, SOUTH-WEST.</b>																					
Khushab .. .. .	29.107	-0.46	N. 54 E.	(d) 6.0	82.7	64.7	99.8	+7.2	111.7	68.4	+1.7	58.2	35	-8	1.9	0.15	-0.90	1	-1.4	0.15	
Lyallpur .. .. .	29.030	-0.69	N. 78 E.	2.3	78.8	64.0	99.8	+8.2	111.7	68.1	+5.4	54.7	42	-11	5.3	0	-0.88	0	-2.1	0	
Montgomery .. .. .	29.144	-0.47	S. 58 E.	2.5	83.3	64.4	101.6	+5.4	113.2	69.5	+2.7	58.7	32	-6	1.9	0	-0.56	0	-1.0	0	
Multan .. .. .	29.284	-0.48	N. 11 W.	2.3	79.9	65.6	104.6	+7.3	115.5	74.1	+5.5	64.1	44	-4	1.5	0	-0.27	0	-0.9	0	
<b>KASHMIR.</b>																					
Srinagar .. .. .	24.903	+0.35	S. 59 E.	2.9	56.4	52.0	71.5	+5.6	86.7	48.0	+3.1	38.5	74	-9	5.5	3.45	-0.34	8	-0.1	1.11	
Sonamarg (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10.14	+0.07	12	-1.2	2.40		
Dras .. .. .	20.853	+0.72	S. 45 W.	1.4	32.5	..	46.8	+4.5	64.3	25.3	+6.6	7.0	82(q)	-4	5.3	6.24	+2.28	11	+5.5	1.41	
Leh .. .. .	12.754	+0.78	S. 8 E.	3.3	41.9	(o) 37.2	58.1	+2.5	71.3	33.2	+3.0	23.1	51(o)	+2	4.7	0.06	-0.17	0	-0.8	0.04	
Skardu .. .. .	22.908	+0.59	S. 63 W.	3.6	51.2	43.4	67.0	+4.9	78.6	42.3	0	34.9	55	-2	6.4	2.49	+1.36	4	+1.2	1.45	
Gilgit .. .. .	25.208	+0.92	S. 45 W.	1.0	59.3	53.3	75.3	+3.1	83.4	53.4	+0.7	43.2	66	+14	6.9	1.80	+0.82	5	+2.3	0.59	
<b>NORTH-WEST FRONTIER PROVINCE.</b>																					
Peshawar .. .. .	28.661	-0.40	N. 61 E.	1.5	73.2	63.6	94.6	+9.2	107.6	64.6	+4.5	50.3	58	-4	2.2	0.64	-1.21	3	-1.0	0.28	
Dera Ismail Khan .. .. .	29.163	-0.34	N. 27 E.	1.8	82.0	72.0	100.0	+7.2	111.2	70.3	+5.1	58.8	60	+3	1.7	0	-0.74	0	-1.7	0	
<b>BALUCHISTAN.</b>																					
Fort Sandeman .. .. .	25.374	+0.34	S. 18 E.	4.1	65.3	51.1	90.1	+10.2	99.5	57.6	+4.2	47.6	35	-20	2.6	0	-1.39	0	-4.3	0	
Harnai (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-1.55	0	-2.8	0		
Quetta .. .. .	24.629	+0.34	N. 45 W.	1.8	55.5	46.8	81.5	+7.8	91.5	47.5	+1.9	37.7	51	-3	1.5	0	-1.03	0	-2.9	0	
Chaman .. .. .	25.646	+0.04	S. 48 E.	5.7	68.0	53.3	94.9	+8.1	97.0	80.8	+6.7	46.5	35	-16	2.0	0	-0.68	0	-1.9	0	
Kalat .. .. .	23.741	+0.35	S. 10 W.	5.9	50.5	43.7	79.4	+6.7	96.7	42.8	+4.4	31.8	59	+3	1.5	0	-0.54	0	-1.6	0	
Dalbandin .. .. .	27.056	+0.10	N. 84 E.	3.6	69.3	51.8	96.5	+8.4	107.3	61.9	+4.5	49.2	24	-21	2.6	0	-0.30	0	-0.7	0	
Pasni .. .. .	29.779	-0.43	N. 65 W.	8.1	73.1	69.5	94.4	+5.7	105.2	..	..	..	85	+3	0.2	0	-0.39	0	-0.6	0	
Panjour .. .. .	26.686	+0.23	N. 70 E.	3.7	64.4	52.8	93.9	+7.6	105.6	61.5	+3.2	52.9	44	-15	2.5	0	-0.41	0	-1.0	0	

(a) Reports only rainfall. (d) Mean of 28 days. (o) Mean of 17 days. (q) Mean of 15 days.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.
				Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.									
<b>SIND.</b>																				
Jacobabad ..	29.539	-0.27	N. 22 E.	1.4	88.7	6.1	109.2	+9.2	119.3	74.4	+4.5	63.6	26	-17	0.7	0	-0.20	0	-0.5	0
Hyderabad ..	29.663	-0.62	S. 28 W.	5.3	81.1	7.0	107.0	+5.4	113.3	74.5	+2.5	67.8	63	+13	0.7	0	-0.05	0	-0.1	0
Karachi ..	29.769	-0.26	N. 83 W.	9.3	80.9	7.1	88.2	+3.4	101.8	76.4	+2.6	71.2	80	+2	3.2	0	-0.17	0	-0.2	0
<b>RAJPUTANA, WEST.</b>																				
Bikaner ..	28.948	-0.29	S. 54 W.	6.3	87.6	6.5	107.7	+7.8	117.0	79.2	+5.2	65.9	35	-4	0.7	0	-0.22	0	-0.6	0
Jodhpur ..	28.977	-0.23	S. 48 W.	3.6	85.1	6.9	105.8	+5.6	114.8	76.9	+4.4	62.3	29	-1	0.8	0	-0.15	0	-0.5	0
<b>RAJPUTANA, EAST.</b>																				
Jaipur ..	28.334	-0.20	N. 81 W.	3.7	84.8	6.4	104.1	+4.3	111.5	73.0	+2.7	61.9	29	-3	1.0	0	-0.17	0	-0.5	0
Ajmer ..	28.147	-0.42	S. 59 W.	3.9	79.7	5.2	101.0	+3.1	108.6	73.5	+1.7	60.0	34	-4	0	0.01	-0.17	0	-0.4	0.01
Kotah ..	28.900	-0.40	N. 58 W.	1.7	91.9	5.4	106.3	+4.5	114.0	79.9	+3.4	70.6	23	-2	0	0	-0.33	0	-0.7	0
Udaipur (a) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.05	-0.11	0	-0.3	0.05	
<b>GUJARAT.</b>																				
Deesa ..	29.324	-0.16	S. 70 W.	6.7	83.3	6.4	107.6	+4.0	113.8	70.6	-0.7	59.7	45	+2	0.3	0	-0.03	0	-0.1	0
Bhuj ..	29.465	-0.11	S. 69 W.	7.5	84.3	7.1	103.6	+3.7	108.6	73.3	+2.0	65.5	57	-3	0	0	-0.07	0	-0.1	0
Dwarka ..	29.781	-0.31	S. 69 W.	8.8	80.8	7.5	86.4	+1.6	88.8	77.8	+1.6	65.3	86	+6	1.7	0	-0.05	0	-0.1	0
Rajkot ..	29.561	-0.30	S. 88 W.	9.0	81.9	7.6	106.6	+4.9	111.0	71.2	+1.9	65.0	59	-4	3.0	0	-0.03	0	-0.1	0
Verval ..	29.807	-0.10	N. 59 W.	8.2	80.1	7.0	86.3	+0.4	1.0.3	75.6	+3.4	68.3	79	+5	1.6	0	0	0	0	0
Surat ..	29.785	-0.11	S. 9 W.	4.6	84.4	7.5	98.9	-0.6	109.3	75.8	+2.6	70.4	69	+6	1.4	0	-0.04	0	0	0
Ahmedabad ..	29.649	-0.10	N. 80 W.	4.2	83.7	7.4	107.6	+3.3	113.9	75.8	+1.4	69.7	53	+4	0.4	0	-0.03	0	-0.1	0
<b>CENTRAL INDIA, WEST.</b>																				
Nemuch ..	28.176	-0.07	N. 58 W.	6.3	87.7	6.4	103.5	+4.0	111.9	73.9	+2.9	62.8	27	-8	0	0	-0.12	0	-0.3	0
Indore ..	27.978	-0.15	N. 61 W.	4.8	85.4	6.2	103.7	+3.8	109.5	72.4	+2.6	60.9	37	-2	0.1	0	-0.14	0	-0.3	0
<b>CENTRAL INDIA, EAST.</b>																				
Nowgong ..	28.982	-0.24	S. 84 W.	2.3	85.9	6.8	106.2	+4.3	113.2	72.9	+2.0	62.5	41	+5	0.9	0	-0.19	0	-0.3	0
Sutna ..	28.677	-0.36	S. 28 W.	2.7	84.8	6.6	103.4	+2.9	108.3	74.2	+2.6	61.8	28	-3	0.4	0	-0.20	0	-0.4	0
<b>BERAR.</b>																				
Akola ..	28.846	-0.20	N. 86 W.	4.7	88.3	6.4	109.0	+3.4	114.5	77.2	+2.5	63.9	22	-7	1.1	0	-0.16	0	-0.6	0
Amraoti ..	28.561	-0.14	S. 68 W.	4.1	90.2	6.7	108.7	+4.1	112.6	80.4	+4.2	74.3	25	-7	0.8	0	-0.22	0	-0.7	0
<b>CENTRAL PROVINCES, WEST.</b>																				
Khandwa ..	28.729	-0.23	N. 82 W.	6.3	86.6	6.1	107.6	+3.3	113.8	76.5	+1.4	62.3	30	+1	0	0	-0.10	0	-0.3	0
Hoshangabad ..	28.769	-0.14	S. 66 W.	1.0	86.2	6.8	106.9	+3.1	113.5	75.3	+2.6	63.6	25	-10	0.5	0	-0.13	0	-0.3	0
Saugor ..	27.962	-0.15	N. 89 W.	4.6	86.6	6.0	101.8	+1.6	107.2	76.2	+3.6	68.0	17	-10	0.7	0	-0.15	0	-0.4	0
Jubbulpore ..	28.413	-0.31	S. 15 W.	2.0	85.4	6.3	104.2	+2.4	108.8	71.4	+1.2	59.7	26	-9	0.5	0	-0.25	0	-0.7	0
Seoni ..	27.756	-0.18	N. 77 W.	3.3	86.0	6.4	103.6	+3.6	107.3	74.3	+3.7	63.3	27	-7	0.8	0	-0.46	0	-1.3	0
Nagpur ..	28.746	-0.16	N. 13 W.	4.0	89.9	6.4	108.1	+3.3	110.9	77.7	+2.0	64.7	20	-14	0.4	0	-0.56	0	-1.3	0
<b>CENTRAL PROVINCES, EAST.</b>																				
Pendra ..	27.751	-0.10	S. 60 W.	4.2	87.5	6.0	101.7	+5.1	105.6	73.8	+2.4	67.6	27	-4	2.9	0.93	+0.08	1	-0.9	0.92
Raipur ..	28.786	-0.18	S. 45 W.	3.2	87.6	6.7	105.8	+2.8	109.2	78.7	+2.4	68.6	31	-7	0.9	0.14	-0.50	1	-0.5	0.12
Chanda ..	29.130	-0.20	S. 23 E.	3.8	89.2	6.9	109.1	+3.2	112.1	77.9	+1.9	63.4	35	-6	1.2	0	-0.66	0	-1.6	0
Jagdulpur ..	37.984	-0.28	S. 50 W.	6.9	80.6	7.4	100.7	+2.0	104.4	72.1	+1.1	66.6	71	+14	2.4	1.79	+0.11	5	+1.6	0.61
<b>KONKAN.</b>																				
Bombay ..	29.804	-0.06	S. 30 E.	5.8	83.2	7.0	91.1	+2.4	93.7	79.7	+2.3	76.4	74	-1	2.8	0	-0.05	0	-0.1	0
Ratnagiri ..	29.654	+0.02	S. 22 E.	6.1	83.7	7.9	89.2	-0.2	91.2	77.9	+1.0	71.1	72	+2	0.7	0.30	+0.22	1	+0.7	0.30
Marmagao ..	29.796	+0.13	N. 69 W.	4.3	84.9	7.2	91.4	+2.1	93.2	80.9	+2.1	76.8	73	-2	4.3	0.66	-0.00	1	+0.1	0.63
Karwar ..	29.799	+0.01	N. 54 W.	3.0	83.7	7.6	91.6	+2.2	94.9	80.1	+2.8	74.1	75	-3	3.6	0.06	-0.46	0	-0.9	0.06
<b>BOMBAY DECCAN.</b>																				
Malegaon ..	28.374	-0.14	N. 73 W.	6.5	88.1	6.1	107.0	+3.6	111.9	72.0	+0.8	63.3	25	-14	0.2	0	-0.11	0	-0.3	0
Ahmadnagar ..	27.693	-0.01	N. 31 W.	6.1	85.2	6.0	102.2	+2.5	106.5	69.8	+0.3	63.5	25	-16	0.9	0	-0.31	0	-1.0	0
Poona ..	27.990	-0.06	S. 85 W.	4.2	81.2	6.1	102.9	+1.8	106.8	70.0	+1.1	64.5	43	0	0.8	0	-0.57	0	-1.3	0
Sholapur ..	28.244	0	N. 46 W.	6.1	84.4	6.8	105.3	+1.2	107.2	76.7	+1.4	71.5	38	+2	1.5	0	-0.44	0	-1.0	0
Bijapur ..	27.885	+0.06	N. 68 W.	6.6	82.6	6.2	103.1	+2.3	105.2	75.2	+0.7	72.4	50	0	0.9	0.58	-0.12	2	+0.1	0.27
Belgaum ..	27.309	0	S. 56 W.	4.2	74.2	6.9	96.6	+0.6	101.1	68.3	+1.2	65.6	77	+19	2.6	3.49	+1.89	8	+4.7	1.08
<b>HYDERABAD, NORTH.</b>																				
Aurangabad ..	27.923	-0.17	N. 67 W.	9.1	86.6	6.5	105.1	+3.5	110.0	76.8	+3.7	71.4	22	-8	1.2	0	-0.24	0	-0.6	0
Parbhani (a) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-0.23	0	-0.9	0	
Nizamabad ..	28.540	-0.13	S. 47 W.	2.1	86.8	6.2	106.8	+3.0	109.4	78.2	+2.0	68.8	36	-9	0.8	0.31	-0.49	2	+0.2	0.21

(a) Reports only rainfall. (d) Mean of 28 days.

TABLE III, APRIL.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heavy fall in month.
HYDRABAD, SOUTH.																				
Gulbarga .. .. .	28.307	+002	S. 76 W.	7.1	85.6	(r) 68.8	(c) 107.6	+3.8	110.9	..	..	..	(r) 41	..	1.7	0.59	-0.33	2	+0.9	0.22
Raichur .. .. .	28.494	+007	N. 84 W.	4.4	86.8	71.8	104.5	+1.8	106.8	80.5	+1.5	75.4	47	-4	1.3	0	-0.70	0	-1.3	0
Hyderabad .. .. .	28.109	+013	S. 3 E.	3.4	84.4	71.2	104.2	+3.0	106.2	76.7	+0.5	71.0	52	-1	2.9	1.00	-0.05	1	-0.9	1.00
Hanamkonda .. .. .	28.919	-005	S. 27 E.	5.4	82.4	74.4	104.0	+2.3	106.5	77.9	+0.7	64.8	67	+0	4.8	2.40	+1.47	1	-0.7	2.40
MYSORE.																				
Chikaldurg .. .. .	27.464	+014	S. 75 W.	2.0	78.1	70.1	97.5	+0.5	101.0	72.9	+0.4	67.5	66	+5	6.1	0.58	-0.34	2	+0.1	0.31
Bangalore .. .. .	28.883	0	S. 60 W.	4.9	75.7	69.9	95.3	+1.8	98.9	70.4	-1.0	66.1	74	+4	3.6	2.17	+0.84	4	+1.7	0.84
Mysore .. .. .	27.360	-001	S. 66 W.	1.4	75.6	69.8	94.7	0	97.9	70.0	-0.2	66.3	74	+3	3.4	3.51	+1.17	7	+2.7	1.10
MALABAR.																				
Mangalore .. .. .	29.775	-003	N. 48 E.	4.4	85.3	77.8	93.8	+2.0	95.2	89.2	-1.9	72.0	70	0	4.1	0.29	-0.90	1	-1.0	0.28
Calicut .. .. .	29.810	0	N. 2 W.	4.1	84.7	78.7	91.9	+1.1	93.8	79.6	-0.3	74.1	76	-1	5.1	2.92	-0.36	3	-1.1	1.98
Cochin .. .. .	29.847	+016	N. 56 E.	4.7	83.3	78.6	90.5	-1.1	92.5	78.6	0	71.2	80	+4	5.0	5.83	+1.12	9	+2.7	1.84
Trivandrum .. .. .	29.644	+012	N. 3 W.	6.0	82.0	77.5	88.3	+0.3	90.5	78.9	+0.7	74.9	81	+2	5.6	2.31	-2.16	4	-2.8	1.27
MADRAS, SOUTH EAST.																				
Tinnevely (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2.32	-0.17	4	+0.1	0.93
Pamban .. .. .	29.784	-003	S. 9 E.	5.6	84.1	79.6	94.7	+3.5	96.2	80.9	+0.5	79.9	81	+4	3.4	0	-1.62	0	-3.1	0
Madura .. .. .	29.367	-014	N. 56 E.	2.7	80.8	75.5	99.1	0	101.5	77.2	+0.2	70.8	79	+8	6.0	3.06	+1.03	8	+0.1	1.90
Negapatam .. .. .	29.804	+007	S. 28 W.	6.7	84.4	78.6	91.9	-0.8	99.7	80.2	+0.7	75.6	76	+1	5.2	0.97	+0.40	1	+0.1	0.97
Trichinopoly .. .. .	29.588	+006	S. 33 W.	3.4	86.5	76.8	102.9	+1.8	100.1	78.4	+0.6	74.3	63	-5	2.7	0.66	-0.99	2	+0.2	0.33
Coimbatore .. .. .	28.508	+015	S. 4 W.	2.5	81.0	76.5	96.0	-1.3	99.0	73.7	+0.2	70.3	81	+2	3.0	0.82	-0.61	3	+0.3	0.40
Salem .. .. .	28.924	+007	S. 48 W.	3.9	83.0	75.6	102.1	+1.3	105.3	77.2	+0.8	70.6	70	-2	1.5	2.55	+0.76	6	+2.6	1.16
Cuddalore .. .. .	29.799	+007	S. 12 W.	7.0	84.1	78.8	91.0	-1.8	97.0	77.4	-0.1	73.2	78	0	3.4	0.33	-0.57	0	-1.0	0.03
Madras .. .. .	29.798	-007	S. 4 W.	5.8	84.5	78.7	93.3	+0.2	97.8	77.6	+0.1	74.0	76	+1	3.9	0.05	-0.48	0	-0.7	0.05
MADRAS DECCAN.																				
Cuddapah .. .. .	29.375	+002	N. 54 W.	..	88.7	76.1	105.0	+0.5	108.5	82.1	+1.3	73.2	54	-2	2.5	0.66	+0.21	2	+1.1	0.52
Bellary .. .. .	28.541	+005	N. 67 W.	3.7	85.6	71.8	103.9	+0.3	107.7	77.8	+0.3	72.9	49	-1	1.7	0.56	-0.20	3	+1.2	0.23
Kurnool .. .. .	28.871	-005	S. 61 W.	1.7	86.8	72.9	104.9	+0.9	107.5	81.6	+2.8	70.7	49	-5	1.5	1.30	+0.74	1	-0.6	1.30
MADRAS COAST, NORTH.																				
Nellore .. .. .	29.744	+004	S. 21 E.	5.1	85.0	77.7	98.9	-0.9	102.2	77.6	+0.3	74.2	71	-4	3.7	0	-0.36	0	-0.4	0
Masulipatam .. .. .	29.866	-003	S. 37 W.	6.7	84.1	78.2	92.9	-1.7	95.9	77.7	+0.1	68.3	76	-4	4.1	1.08	+0.46	2	+1.1	0.72
Cocanada .. .. .	29.799	-005	S. 53 W.	5.9	83.8	78.0	96.1	0	99.7	78.4	-0.1	75.6	78	0	5.0	0.07	-0.40	0	-0.9	0.04
Vizagapatam .. .. .	29.776	0	S. 87 W.	9.4	83.3	77.4	89.5	-0.2	91.9	78.7	+0.4	70.2	76	+5	5.1	4.06	+3.25	3	+1.4	2.91
Calingapatam .. .. .	29.787	-006	S. 47 W.	9.4	83.5	78.0	90.5	-2.6	93.1	77.8	-0.1	72.2	80	+3	4.3	1.06	-0.10	3	+1.1	0.65
Gopalpur .. .. .	29.731	-017	S. 22 W.	13.0	82.0	79.2	88.3	+0.4	92.7	78.0	+0.9	70.4	87	+5	2.8	0.12	-0.67	1	-0.6	0.12
HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN.																				
Maymyo .. .. .	26.397	+019	S. 42 W.	2.4	71.7	64.9	83.4	-0.4	85.6	61.2	+2.2	52.8	70	0	3.4	1.16	-0.93	4	+0.7	0.40
Shillong .. .. .	25.092	+027	S. 38 W.	4.4	63.5	56.9	71.9	-1.4	81.1	56.9	+0.6	49.8	67	+5	5.6	5.22	-0.16	15	+4.9	0.81
Cherrapunji .. .. .	25.662	+024	S. 28 W.	5.8	63.9	59.6	69.7	-0.5	74.8	58.5	+0.9	55.1	79	-5	7.9	33.37	+5.18	20	+2.4	6.80
Darjiling .. .. .	22.923	+019	N. 17 E.	2.8	54.2	51.3	61.8	-0.7	67.0	49.9	+1.5	44.7	84	+6	7.3	11.24	+7.39	14	+6.6	4.16
Mukteswar .. .. .	22.808	+001	S. 88 W.	8.2	59.4	48.0	70.9	+2.5	75.2	54.4	+4.7	42.1	44	+3	2.7	1.13	-0.47	1	-2.7	0.85
Mussooree (a) .. .. .	..	..	..	..	..	(c)	..	..	..	..	..	..	..	..	..	3.13	+0.69	5	+0.6	1.16
Chakrata .. .. .	23.393	+032	N. 76 E.	8.4	62.6	58.1	71.3	+2.1	76.8	55.2	+4.6	42.8	(e) 57	+10	2.4	1.87	+0.08	5	+0.9	0.69
Simla .. .. .	23.092	+028	N. 6 E.	5.0	61.6	47.3	69.8	+5.2	76.1	56.1	+5.1	43.2	33	-8	3.2	1.36	-0.58	4	+0.1	0.46
Dalhousie (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2.60	..	6	..	1.85
Murree .. .. .	23.961	+038	S. 63 E.	5.3	64.7	49.7	71.2	+5.1	83.0	57.0	+6.3	40.2	35	-14	1.9	3.50	-0.71	6	-1.1	1.63
Cherat .. .. .	25.665	+013	N.	8.4	69.2	57.6	80.9	+8.8	93.4	63.1	+7.6	46.2	52	+2	2.5	0.74	-1.92	3	-2.1	0.31
Parachinar .. .. .	24.421	+031	Calm	(e) 1.4	65.2	53.2	76.6	+8.7	87.2	52.1	+5.7	37.9	44	-12	2.3	1.11	-3.22	5	-3.9	0.34
Drosh .. .. .	25.034	-061	E.	2.7	59.8	51.5	75.5	+6.5	88.5	53.0	+4.1	34.0	57	-7	4.4	2.62	-1.53	5	-3.1	0.96
Mount Abu .. .. .	26.005	+006	N. 87 W.	5.3	79.8	57.3	88.5	+4.2	96.4	72.5	+4.1	63.8	21	-9	0.2	0	-0.13	0	-0.3	0
Pachmarhi .. .. .	26.395	-001	N. 25 W.	4.0	82.4	69.5	96.7	+4.7	101.5	71.7	+2.4	58.1	25	-6	1.2	0	-0.32	0	-0.7	0
Mercara .. .. .	26.163	-003	N. 45 W.	3.1	69.4	66.6	83.9	-6.1	83.0	63.8	+0.3	58.8	57	+9	8.5	4.08	+1.45	8	+3.0	1.16
Kodalkanal .. .. .	22.788	-003	N. 69 E.	4.2	61.0	59.6	74.1	+3.9	73.9	52.5	-1.0	49.2	50	-10	3.7	3.07	-1.18	5	-2.0	0.76
CEYLON.																				
Colombo .. .. .	29.822	+006	S. 24 E.	2.5	76.9	75.3	88.2	-1.2	91.0	75.7	-0.3	72.5	93	+7	7.5	18.95	+0.52	13	+2.3	3.28

(a) Aneroid.

(c) Reports only rainfall.

(c) Mean of 29 days.

(e) Mean of 27 days.

(r) Mean of 14 days.

# MONTHLY WEATHER REPORT

FOR

May 1925.

Supplement to the Indian Daily Weather Report for the 16th June 1925.

*Published by order of the Governor General in Council.*

*Summary.*—The outstanding features of weather during the month were a cyclone in the Bay and the early appearance of the Arabian Sea monsoon; both of these events contributed to a large excess of rainfall over the Peninsula. The cyclone in the Bay was of an unusual type, in that a course across the Bay towards the south Madras coast had not occurred in the month of May for the past 36 years.

2. On the morning of the 10th weather appeared suspicious in the south of the Bay. Next morning a definite disturbance was noticed in the neighbourhood of Nicobars, which later developed into a cyclone and moved in a westnorthwesterly direction at the rate of 200 miles a day till the 15th, when it lay off the coast near Nellore and began to recurve towards the north. The cyclone was of small diameter, with barometric depth at the centre of between 1.6" and 2.0". The S. S. "*Liebfels*" bound from Madras to Rangoon experienced gales and winds of storm force with tremendous seas between midnight and noon of the 14th when she was in lat. 13° N. long. 95° E. The S. S. "*Jalaputra*" and S. S. "*Hooghly*" plying off the coast between Madras and Cocanada are reported to have experienced very rough weather between the 15th and the 17th and to have received some damage; the former steamer passed through the calm centre at 2 A.M. of the 16th about 140 miles almost due east of Nellore. After crossing the coast near Masulipatam on the 16th, it caused considerable and extensive damage to buildings with some loss of life and a dislocation of railway and telegraphic traffic in the Godavari and Kistna districts. Hundreds of cattle are also reported to have been drowned. The cyclone soon had weakened into a depression, which travelled inland parallel to the coast line through Orissa and south Bengal to Assam, where it disappeared on the 20th. While it was passing through Bengal, three country boats and a cargo boat are reported to have been lost off the Arakan coast about the 19th and 20th.

3. In northeast India, during the first fortnight, rain fell daily in Assam and extended fairly frequently into Bengal and occasionally into Bihar and Orissa. In Upper Burma rainfall was limited to a few scattered showers during this period. An increase in the activity of the Bay monsoon was then manifested by the formation of the cyclone near the Andamans, which introduced a spell of very wet weather in northeast India from the 17th to the 21st and gave locally heavy rain in Bengal and Assam on the 19th. During this week rainfall occurred almost daily in south Burma and extended occasionally into Arakan and Upper Burma; it was heavy in parts of Tenasserim, Moulmein recording 17½ inches during the 48 hours ending at 8 A.M. of the 20th. After the disappearance of the storm on the 20th rainfall continued to be nearly general on the Burma coast but decreased in northeast India. It increased again and was widespread from the 25th to the 28th in Burma and northeast India, with local falls in the United Provinces and the east of the Central Provinces. On the 28th a feeble depression formed at the head of the Bay and the monsoon there gradually weakened till the close of the month.

4. In the Peninsula, rainfall, associated with thunderstorms, was limited to a few falls on the first two days of the month and between the 9th and the 14th, but became fairly general from the 3rd to the 8th; during this latter period it also extended occasionally into the Central Provinces. The Bay storm, which crossed the coast near Masulipatam on the 16th, caused widespread rain in Mysore and Madras and very wet weather in the northeast of the Peninsula between the 15th and the 17th. Scattered showers occurred thereafter till the 24th, when conditions became slightly unsettled in the east Arabian Sea and thunderstorms increased in the Deccan. On the 27th an advance of monsoon was marked by an increase of rainfall in Malabar, the rainfall extending next day northwards to Bombay and into the central parts of the country. This advance continued to be vigorous on the west coast of the Peninsula during the next two days and even extended into parts of northwest India from the 29th to 31st.

5. In northwest India weather became unsettled on the 3rd causing numerous dust and thunderstorms over the whole area on that date, with widespread rain in the western Himalayas and the North-West Frontier Province and local falls in the Punjab plains and the east of the United Provinces on the 4th. The first western disturbance of the month reached the frontier on the 5th and produced till the 5th widespread rain in the tract of country from northeast Baluchistan and frontier to the northwest of the United Provinces. The second disturbance affected the northwest frontier on the 11th and gave local rain in the extreme north on that date and the next. The third disturbance first appeared in Persia on the 11th; it caused numerous duststorms in northwest India between the 15th and 17th but the rainfall due to it was confined to the extreme north. The fourth caused widespread rain in Kashmir, the hills of the Punjab and the North-West Frontier Province on the 22nd; while the last affected Persia between the 22nd and the 24th, but gave no appreciable rain in northwest India. Between the 29th and the 31st there was a temporary extension of the monsoon rains into this division.

6. The principal feature in the distribution of rainfall was a moderate or large excess over the greater part of the Peninsula and northwest India. Averaged over the plains of the whole country the month's total was in excess by 29 per cent.

7. Temperature was somewhat lower than usual in the interior of the Peninsula and from Bihar to the North-West Frontier Province from the 4th to the 7th, and a western disturbance then produced a fall of temperature over the greater part of northwest India. On the 15th the approach of the Bay storm caused unusually cool weather on the Madras coast, and this region of low temperature travelled till the 21st along the coast with the storm area through north Madras, Orissa and northeast India to Assam. Mean temperature was also low in northeast India and adjacent parts of the Central Provinces and of the United Provinces from the 27th to the 29th and in the central parts of the country and over most of northwest India on the 30th and the 31st. On the mean of the month maximum temperature was below normal in Assam, Kashmir, Rajputana East, the Central Provinces and most of the Deccan. The departures from the minimum did not exceed 2° in any sub-division.

### Summary of the local conditions.

*Burma, including the Bay Islands.*—Rainfall was in slight excess in Lower Burma, nearly normal in Upper Burma and in moderate defect in the Bay Islands. The other climatic elements did not differ appreciably from the normal.

*Northeast India, including Orissa.*—The total rainfall of the month was in large excess in Assam, in slight excess in Chota Nagpur, in slight defect in Bihar and nearly normal in Bengal and Orissa. Cloud proportion and humidity were nearly normal. Maximum temperature was lower than usual in Assam.

*The United Provinces, Central India and the Central Provinces.*—The total rainfall of the month exceeded twice the usual amount in Central India East and in the Central Provinces, and was also in large excess in the United Provinces West; it was in slight defect in the United Provinces East and in moderate defect in Berar. Cloud proportion was nearly normal in the United Provinces and Central India East, and in excess in the other sub-divisions. Humidity was in excess in the Central Provinces East. Maximum temperature was below normal in the Central Provinces.

*Northwest India.*—Rainfall was heavy for the time of the year in Gujarat where the total exceeded three times the normal amount; it also exceeded twice the usual amount in Kashmir and the North-West Frontier Province. It was in large excess in the Punjab East and North, in moderate excess in the Punjab Southwest, Baluchistan and Rajputana East; in moderate defect in Sind and in large defect in Rajputana West. Skies were more clouded than usual in the Punjab Southwest and in Sind, Rajputana and Gujarat. Humidity was in excess in the Punjab Southwest, the North-West Frontier Province and Baluchistan and nearly normal elsewhere. Both the maximum and minimum temperatures were about normal except in Kashmir and Rajputana East where the former alone was lower than usual.

*The Peninsula.*—Rainfall exceeded twice the usual amount in the Konkan, Hyderabad South and the Madras Coast North, and was also in large excess in the Bombay Deccan, Mysore and the Madras Deccan. In Hyderabad North, Malabar and Madras Southeast it was in slight to moderate excess. Skies were more clouded than usual except on the west coast where cloud proportion was nearly normal. Humidity was in excess in Hyderabad South, Mysore and the Madras Deccan. Maximum temperature was lower than usual in the Bombay Deccan, Hyderabad, Mysore and the Madras Deccan; the minimum was inclined to be low in Hyderabad South and the Madras Deccan.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions; and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report; the divisional means, Tables I and II, are based on these observations.

SIMLA;

The 10th June 1925.

C. W. B. NORMAND,

for Director-General of Observatories.

TABLE I, MAY.

Division	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma .. ..	12·03	11·10	+0·93	+8	-0·4	-0·2	0	+0·3
Assam .. ..	21·38	12·00	+9·38	+78	-3·9	-1·3	+2	+1·2
Bengal .. ..	8·12	8·51	-0·39	-5	-0·5	+0·7	+1	+0·4
Bihar and Orissa ..	2·92	3·00	-0·08	-3	-1·3	+0·2	+1	+0·4
United Provinces ..	0·95	0·81	+0·14	+17	-0·8	0	-1	+0·5
Punjab .. ..	1·05	0·70	+0·35	+50	-1·3	+0·6	+4	+0·4
North-West Frontier Province	1·63	0·61	+1·02	+167	-0·7	+0·7	+9	-0·1
Sind .. ..	0·08	0·14	-0·06	-43	-1·0	+1·4	+1	+1·3
Rajputana .. ..	0·64	0·68	-0·04	-6	-1·3	-0·8	+1	+0·5
Bombay .. ..	2·20	1·04	+1·16	+112	-0·8	+0·9	+1	+1·0
Central India .. ..	0·75	0·53	+0·22	+42	-1·4	-0·5	0	+0·1
Central Provinces ..	2·44	0·83	+1·61	+194	-2·9	-0·8	+6	+1·4
Hyderabad .. ..	2·41	0·99	+1·45	+146	-3·2	-1·3	+7	+1·8
Mysore .. ..	6·45	4·20	+2·25	+54	-3·1	-0·6	+5	+1·9
Madras .. ..	4·62	3·13	+1·49	+48	-1·5	-0·6	+3	+1·0
Mean of India .. ..	4·65	3·60	+1·05	+29	-1·4	-0·1	+2	+0·7

TABLE II, MAY.

Sub-division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
1. Bay Islands .. ..	11.11	15.86	-4.75	-30	-0.9	+0.3	-1	-0.1
2. Lower Burma .. ..	17.22	14.73	+2.49	+17	-0.9	-0.2	0	+0.5
3. Upper Burma .. ..	5.36	5.92	-0.56	-9	+0.2	-0.3	-1	+0.1
4. Assam .. ..	21.38	12.00	+9.38	+78	-3.9	-1.3	+2	+1.2
5. Bengal .. ..	8.12	8.51	-0.39	-5	-0.5	+0.7	+1	+0.4
6. Orissa .. ..	3.41	3.65	-0.24	-7	-1.1	-0.3	+4	-0.3
7. Chota Nagpur .. ..	3.21	2.65	+0.56	+21	-1.4	+0.3	+1	+0.9
8. Bihar .. ..	2.36	2.69	-0.33	-12	-1.4	+0.5	-2	+0.6
9. United Provinces, East ..	0.74	0.92	-0.18	-20	-0.7	+0.3	-2	+0.5
10. Do. do. West ..	1.13	0.72	+0.41	+57	-1.0	-0.2	+1	+0.5
11. Punjab, East and North ..	1.30	0.84	+0.46	+55	-1.1	+1.0	+2	+0.1
12. Do. Southwest ..	0.61	0.47	+0.14	+30	-1.6	-0.1	+7	+1.0
13. Kashmir .. ..	3.96	1.71	+2.25	+132	-2.2	-0.7	+3	+0.6
14. North-West Frontier Province	1.63	0.61	+1.02	+167	-0.7	+0.7	+9	-0.1
15. Baluchistan .. ..	0.41	0.28	+0.13	+46	-0.3	+0.7	+6	+0.5
16. Sind .. ..	0.08	0.14	-0.06	-43	-1.0	+1.4	+4	+1.3
17. Rajputana, West .. ..	0.15	0.59	-0.44	-75	-0.1	+0.1	-1	+0.8
18. Do. East .. ..	0.89	0.73	+0.16	+22	-2.1	-1.1	+3	+0.3
19. Gujarat .. ..	0.94	0.27	+0.67	+248	-0.2	+1.5	-3	+0.9
20. Central India, West ..	0.61	0.63	-0.02	-3	-1.6	-0.1	-3	+0.7
21. Do. do. East ..	0.89	0.43	+0.46	+107	-1.2	-0.8	+3	-0.3
22. Berar .. ..	0.33	0.57	-0.24	-42	-1.9	-0.2	+1	+1.5
23. Central Provinces, West ..	1.61	0.61	+1.00	+164	-2.8	-1.2	+3	+0.9
24. Do. do. East ..	4.75	1.29	+3.46	+268	-3.6	-0.6	+12	+2.3
25. Konkan .. ..	4.49	2.01	+2.48	+123	+0.9	+0.7	+3	0
26. Bombay, Deccan .. ..	2.15	1.29	+0.86	+67	-2.5	+0.3	+4	+1.7
27. Hyderabad, North ..	1.27	0.94	+0.33	+35	-2.9	-0.3	+3	+0.9
28. Do. South .. ..	3.31	1.04	+2.27	+218	-3.3	-2.0	+9	+2.2
29. Mysore .. ..	6.45	4.20	+2.25	+54	-3.1	-0.6	+5	+1.9
30. Malabar .. ..	11.49	8.71	+2.78	+32	-0.3	-0.7	+3	+0.8
31. Madras, Southeast ..	2.41	2.10	+0.31	+15	-0.9	-0.2	+4	+1.1
32. Do. Deccan .. ..	3.03	1.53	+1.50	+98	-4.0	-2.0	+7	+1.3
33. Do. Coast, North ..	4.14	1.76	+2.38	+135	-1.8	-0.5	-1	+1.1

TABLE III, MAY.

STATION	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.		RAINFALL.				
	1	2	3	4	5 6		7 8 9			10 11 12			13	14	15	16	17	18	19	20	
	At 8 h reduced to standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.	
<b>BAY ISLANDS.</b>																					
Port Blair	29.718	-0.01	S. 74 W.	6.9	82.2	78.4	87.8	-0.9	99.1	78.7	+0.3	75.6	84	-1	6.9	11.11	-4.75	16	0	2.49	
<b>LOWER BURMA.</b>																					
Mergui	29.747	0	S. 71 E.	4.1	79.4	76.6	88.6	-0.4	95.3	74.5	+0.1	71.5	88	0	8.5	14.00	-2.93	14	-3.4	1.78	
Tavoy	29.790	-0.08	S. 11 E.	1.6	79.6	76.5	88.6	-0.3	96.0	75.6	+0.1	73.1	86	-1	7.4	23.37	+0.66	21	+2.7	5.55	
Moulmein	29.722	+0.01	S. 82 E.	2.9	79.6	76.1	87.9	-1.3	96.4	75.3	-0.5	71.8	85	-2	7.0	35.54	+15.24	17	-0.9	8.83	
Rangoon	29.759	-0.04	S. 33 W.	4.2	81.6	77.9	91.6	-0.1	99.1	76.4	-0.8	72.6	84	-2	8.0	14.95	+2.97	16	+2.4	2.22	
Bassein	29.741	-0.04	S. 89 W.	3.0	80.6	78.5	92.1	+0.3	99.8	77.0	-0.3	73.8	91	+1	5.6	16.21	+6.37	12	+0.6	2.76	
Diamond Island	29.717	-0.13	S. 74 W.	8.4	83.9	79.5	86.9	-1.7	89.8	78.5	-0.5	71.3	81	+3	4.4	15.29	+4.69	14	+3.1	4.30	
Poungoo	29.571	-0.49	..	..	82.5	77.8	91.6	-1.1	101.7	76.8	+0.2	73.3	80	-1	5.8	6.75	-0.97	11	+0.5	1.35	
Kyaukpyn	29.720	-0.12	S. 76 E.	3.1	82.3	77.9	88.7	-0.5	95.5	78.3	+0.6	72.5	81	-1	6.9	18.33	+2.29	14	+2.0	4.20	
Akyab	29.704	-0.26	N. 77 E.	8.4	83.0	78.2	87.5	-3.0	91.1	77.1	-0.6	70.7	80	-4	6.8	10.35	-3.60	12	+2.5	2.57	
<b>UPPER BURMA.</b>																					
Mingbu	29.549	-0.23	S. 27 E.	4.7	81.7	76.4	100.8	+2.2	107.7	79.0	+0.3	69.8	67	-5	4.1	2.15	-3.49	4	-2.7	0.78	
Samethin	29.095	-0.69	..	..	82.8	76.3	97.7	+1.9	104.5	77.4	+0.7	69.8	74	-1	3.6	4.71	-1.09	3	-4.9	3.35	
Mandalay	29.474	-0.13	S. 6 E.	5.5	85.9	75.6	101.5	+2.7	110.0	80.3	+1.3	69.2	62	-5	4.3	4.12	-1.73	7	-0.8	1.45	
Monywa	29.443	-0.25	N. 80 E.	3.8	81.9	76.2	101.4	+1.3	107.6	79.5	+0.7	68.3	66	-2	5.5	3.36	-1.76	4	-2.6	1.75	
Mashio	29.975	-0.16	S. 28 W.	1.8	71.5	68.0	85.4	-1.8	91.9	86.2	-0.6	59.3	83	+3	6.0	10.37	+3.45	12	+0.4	2.67	
Shamo	29.341	-0.23	Calm.	1.0	76.5	73.0	91.4	-2.0	97.9	68.8	-3.3	62.3	84	+3	6.1	5.64	-0.50	10	-0.1	1.19	
Mvitkylna	29.237	-0.28	N. 20 E.	3.6	75.3	71.3	89.0	-2.3	96.6	71.3	-0.9	64.1	81	+2	6.2	7.29	+1.14	7	-2.2	2.00	
<b>SAM.</b>																					
Shan	29.369	-0.29	N. 78 E.	1.4	72.4	70.3	79.2	-5.2	89.6	68.6	-2.2	64.9	90	+1	7.7	19.16	+7.98	21	+5.9	4.15	
Shan	29.397	-0.26	N. 45 E.	1.3	73.8	71.5	81.4	-4.0	93.4	70.3	-1.2	65.2	89	-1	8.9	29.48	+8.59	23	+7.4	4.45	
Shan	29.472	-0.23	N. 45 E.	1.5	74.0	71.8	83.2	-3.7	91.7	71.3	-1.0	65.5	90	+4	8.2	17.21	+7.26	21	+6.7	2.35	
Shan	29.517	-0.37	N. 56 E.	2.2	75.5	72.2	84.5	-3.5	92.3	71.1	-1.2	63.8	85	+1	6.9	13.12	+4.41	20	+7.0	2.45	
Shan	29.564	-0.43	S. 77 E.	7.2	74.6	72.2	82.1	-4.2	89.9	71.8	-1.3	68.7	88	+2	6.3	22.47	+7.78	17	+2.1	3.42	
Shan	29.633	-0.19	E.	2.0	76.1	73.9	86.1	-2.6	92.8	71.6	-1.0	67.2	90	+5	7.1	35.86	+20.27	23	+6.9	5.23	
<b>BENGAL.</b>																					
Shan	29.683	-0.14	S. 12 E.	3.4	83.3	78.8	89.8	+1.2	92.9	76.4	+1.2	69.9	81	-3	5.6	10.11	-2.99	9	-2.1	4.10	
Shan	29.617	-0.31	S. 31 E.	5.0	82.6	77.9	89.9	+1.1	94.8	76.7	+1.3	68.4	80	-2	4.9	9.92	+0.40	8	-2.8	2.75	
Shan	29.653	-0.33	S. 7 W.	2.6	81.9	78.2	90.2	-0.8	94.6	76.2	+0.3	71.0	84	+1	5.9	12.15	+2.74	13	+2.0	2.21	
Shan (b)	29.665	-0.28	S. 3 E.	2.6	83.6	79.9	92.1	+0.6	95.8	77.9	+1.3	71.1	84	+3	4.3	8.18	-0.84	7	-2.8	3.43	
Shan	29.639	-0.21	S. 9 W.	3.3	82.5	79.3	93.2	-1.1	98.8	77.4	+0.9	71.1	87	+5	6.7	11.41	+3.33	9	-0.4	4.26	
Shan	29.632	-0.24	S. 13 W.	4.9	83.6	79.5	95.3	+0.7	102.5	78.8	+1.2	72.9	83	+4	5.1	4.68	-1.07	7	-0.3	1.10	
Shan	29.642	-0.26	S. 18 W.	16.6	85.6	80.3	90.4	-1.0	92.5	81.1	+0.5	74.2	79	-2	6.9	0.92	-3.49	3	-2.8	0.37	
Shan	29.532	-0.38	S. 22 W.	2.1	82.8	78.4	97.4	-0.2	107.8	77.9	+0.5	71.2	81	+3	4.8	3.39	-2.74	5	-2.1	1.71	
Shan	29.581	-0.30	S. 31 E.	4.2	83.1	78.2	96.5	-0.1	107.4	76.6	+0.2	70.2	79	-1	5.2	8.27	+2.76	7	-0.4	2.54	
Shan	29.623	-0.38	S. 58 E.	1.1	79.0	74.9	88.1	-1.0	93.2	74.6	+0.2	71.1	81	-3	6.9	16.53	+3.99	16	+2.9	2.37	
Shan	29.598	-0.32	S. 71 E.	3.0	79.7	76.4	90.4	-1.8	97.4	74.3	0	69.4	85	+4	6.0	7.62	-0.88	8	-1.9	2.09	
Shan	29.549	-0.26	N. 89 E.	2.0	79.2	75.6	89.3	-2.6	96.2	75.2	+1.3	69.3	84	+4	6.3	6.61	-0.98	7	-1.9	2.60	
Shan	29.402	-0.45	S. 64 E.	1.6	78.3	74.4	88.0	-1.1	93.2	72.1	-0.3	67.2	83	0	5.6	5.80	-5.27	11	-1.4	1.70	
<b>ORISSA.</b>																					
Shan	28.587	-0.18	S. 41 W.	5.0	84.9	78.9	97.7	+0.8	108.1	78.0	-0.2	71.5	76	+1	6.0	4.49	-0.52	8	+1.6	1.86	
Shan	29.639	-0.14	S. 11 W.	14.1	..	..	..	..	..	..	..	..	..	..	1.9	2.19	-2.18	4	-0.4	1.52	
Shan	29.588	-0.08	S. 54 W.	3.6	86.0	79.9	102.0	+0.8	112.4	80.5	+0.6	75.6	76	+2	5.4	2.37	-1.58	5	-0.6	1.26	
Shan	29.168	-0.16	S. 39 W.	3.7	85.9	75.7	101.3	-4.9	110.4	79.9	-1.2	69.5	62	+10	2.9	4.58	+3.33	4	+1.6	2.77	
<b>CHOTA NAAGPUR.</b>																					
Shan	28.895	-0.24	S. 31 W.	3.2	86.7	76.1	102.3	-0.7	110.0	79.2	+1.1	66.8	61	-5	3.6	2.22	-1.01	3	-2.8	0.98	
Shan	27.553	-0.04	S. 54 W.	3.6	83.2	71.6	96.4	-2.1	103.7	74.8	-0.5	63.3	58	+6	3.6	4.45	+2.04	5	+0.1	3.05	
Shan (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2.97	+0.66	5	+0.9	1.27		

(a) Reports only rainfall.

(b) Mean on 30 days.

(c) Mean of 29 days.

TABLE III, MAY.

STATION.	PRESSURE.		WIND.		TEMPERATURE.							HUMIDITY.		CLLOUD.	RAINFALL.					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Height of rain in inch.
<b>BIHAR.</b>																				
Purnea .. .. .	29.520	-0.05	N. 83 E.	2.5	80.7	76.0	91.3	-3.6	101.1	74.0	-0.3	68.4	80	+3	3.1	2.33	-2.07	4	-1.6	0.9
Darbhanga .. ..	29.474	-0.031	N. 79 E.	2.1	81.3	75.0	94.5	-1.2	103.8	75.3	-0.5	69.9	74	+2	4.9	0.84	-1.94	1	-3.1	0.8
Patna .. .. .	29.441	-0.021	E.	5.0	85.1	74.9	98.8	-0.9	106.5	78.7	+1.0	72.8	62	-2	4.2	0.71	-0.96	1	-1.9	0.6
Gaya .. .. .	29.243	-0.022	S. 26 W.	3.6	88.9	72.7	104.4	0	111.82	81.9	+2.2	73.4	45	-12	2.3	0.29	-0.80	2	+0.2	0.1
Naya Dumka .. ..	29.137	-0.037	S. 57 E.	2.1	84.7	75.7	97.4	1.3	108.4	77.1	+0.1	71.6	67	0	2.9	7.63	+4.10	6	+0.9	2.5
<b>UNITED PROVINCES, EAST.</b>																				
Gorakhpur .. ..	29.377	-0.018	E.	3.5	83.2	74.4	99.3	1.2	108.1	75.0	-1.6	65.3	66	+4	2.0	0.48	-0.99	2	-0.8	0.2
Benares .. .. .	29.366	-0.024	S. 57 W.	3.8	90.2	79.0	104.4	0.6	111.5	78.2	-0.6	70.6	43	-8	2.9	0.69	+0.08	2	+0.8	0.5
Allahabad .. ..	29.305	-0.018	S. 68 W.	3.5	90.6	72.8	104.2	2.4	112.1	79.4	-0.2	71.6	41	-1	2.5	1.58	+1.24	2	+1.1	0.9
Gawnpore .. ..	29.199	-0.016	S. 77 W.	2.2	88.8	71.9	104.5	-1.2	112.0	79.2	-0.2	69.9	42	-3	0.8	0.98	+0.58	3	+1.9	0.4
Lucknow .. .. .	29.244	-0.023	N. 43 W.	1.5	89.0	72.2	105.5	+0.7	113.5	80.1	+2.4	71.3	42	-4	1.6	0.46	-0.55	2	+0.5	0.3
Bahraich .. .. .	29.161	-0.034	S. 81 E.	3.2	85.8	75.8	102.3	+0.6	108.4	78.6	+1.8	70.1	56	-1	2.8	0.24	-1.43	1	-1.8	0.2
<b>UNITED PROVINCES, WEST.</b>																				
Jhansi .. .. .	28.823	-0.012	S. 71 W.	3.1	89.3	68.6	105.8	-2.4	112.8	80.4	-3.3	71.3	32	-5	1.8	1.71	+1.33	1	-0.2	1.5
Agra .. .. .	29.055	-0.025	S. 87 W.	6.9	89.3	69.0	105.1	-2.4	112.9	77.5	+0.5	69.0	33	+8	1.3	0.91	+0.44	2	+0.6	0.6
Mainpuri .. .. .	..	..	N. 57 W.	1.2	89.6	72.1	107.2	+0.5	115.5	78.5	0	69.7	41	0	2.1	0.48	-0.07	2	+0.7	0.2
Bareilly .. .. .	29.050	-0.013	N. 27 E.	2.1	86.9	73.9	102.7	-0.1	109.8	77.9	+1.5	69.2	52	+3	2.2	0.05	-0.68	0	-1.7	0.6
Meerut (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.18	-0.47	1	-0.6	0.18	
Roorkee .. .. .	28.717	-0.020	S. 63 E.	3.7	85.0	68.2	101.3	-0.7	108.3	74.1	+0.1	64.3	40	-1	3.0	2.45	+1.61	2	+0.1	2.21
Dohra Dun (a) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2.14	+0.70	1	-2.3	2.04	
<b>PUNJAB, EAST AND NORTH.</b>																				
Delhi .. .. .	28.908	-0.007	N. 65 W.	3.7	86.3	70.1	102.7	-1.3	110.2	81.9	+1.7	70.9	43	+2	2.1	1.08	+0.50	4	+2.2	0.35
Hissar .. .. .	28.884	-0.013	S. 77 W.	6.0	87.1	70.3	105.2	-1.3	114.7	78.1	+1.0	64.1	41	+3	1.3	0.27	-0.32	2	+0.5	0.11
Ambala .. .. .	28.708	-0.025	N.	4.8	87.5	69.6	103.9	+0.2	111.4	77.7	+2.4	67.4	59	-4	1.9	1.52	+0.65	3	+1.3	0.65
Ludhiana .. .. .	28.790	-0.019	S. 79 W.	5.2	84.5	68.4	104.6	+0.7	113.3	76.9	+1.2	63.6	43	+4	1.5	0.82	+0.18	2	+0.4	0.38
Lahore .. .. .	28.891	-0.019	N. 15 E.	2.4	84.8	70.0	102.8	-2.1	114.8	75.5	+1.8	65.2	46	+4	2.6	0.88	+0.18	4	+2.6	0.38
Sialkot .. .. .	28.767	-0.022	N. 33 E.	2.5	84.8	69.1	101.2	-1.2	112.6	73.4	-1.0	64.5	44	+1	2.1	1.99	+0.86	4	+1.7	1.05
Rawalpindi .. ..	27.981	-0.008	N. 20 E.	2.3	82.6	66.8	94.9	-3.6	110.2	68.0	-0.3	58.3	48	+7	0.9	2.57	+1.23	5	+2.2	1.00
<b>PUNJAB, SOUTH-WEST.</b>																				
Khushab .. .. .	28.984	-0.027	N. 38 E.	6.4	86.5	69.6	102.5	-1.3	114.7	73.5	-3.2	62.2	41	+7	1.6	0.23	-0.56	1	-0.7	0.11
Lyallpur .. .. .	28.988	-0.020	N. 66 W.	3.4	84.8	69.3	102.3	-0.5	113.9	74.9	+1.3	61.9	44	+4	4.3	0.36	-0.08	1	-0.4	0.14
Montgomery .. ..	29.041	-0.005	S. 82 E.	3.9	87.6	76.7	103.6	-2.8	114.2	76.7	-0.8	64.3	41	+9	1.9	0.53	+0.18	2	+0.9	0.23
Multan .. .. .	29.178	-0.002	N. 41 W.	2.4	85.1	71.8	105.0	-1.6	115.6	80.2	+1.9	68.3	51	+8	1.5	1.40	+1.05	1	+0.2	1.40
<b>KASHMIR.</b>																				
Srinagar .. .. .	24.820	+0.003	S. 28 E.	2.5	59.9	55.4	72.7	-3.1	88.4	51.6	-0.2	45.1	76	-4	4.9	4.43	+2.16	8	+2.7	1.63
Sonamarg (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13.55	+8.84	17	+8.1	2.97	
Dias .. .. .	26.784	-0.011	S. 45 W.	3.7	48.2	(b) 26.5	57.2	-2.0	72.3	35.6	+2.6	26.8	73(b)	+4	3.9	3.89	+1.50	11	+6.0	1.02
Leh .. .. .	16.734	-0.008	S. 7 W.	3.1	47.3	(b) 36.3	63.5	-0.4	75.4	37.3	+0.4	28.2	40(c)	+1	4.4	0.14	-0.67	1	+0.3	0.11
Skardu .. .. .	22.827	-0.001	W.	3.3	57.3	47.5	71.2	-1.5	85.6	47.3	-2.6	38.1	50	-2	5.1	0.47	-0.49	2	0	0.21
Gilgit .. .. .	25.112	+0.037	Caln	0.7	67.3	58.2	79.9	-3.9	95.7	56.7	-3.5	49.7	67	+18	4.0	1.29	+0.56	3	+0.8	0.36
<b>NORTH-WEST FRONTIER PROVINCE.</b>																				
Feohwar .. .. .	28.743	-0.017	S. 32 W.	0.7	81.6	(b) 68.9	98.1	-0.6	117.2	69.8	-0.1	59.0	(b) 55	+11	2.2	2.40	+1.53	5	+3.0	1.00
Dera Ismail Khan ..	29.047	-0.003	N. 12 E.	2.5	86.8	74.1	102.9	-0.8	117.2	76.2	+1.4	64.3	55	+7	0.9	0.86	+0.46	3	+2.1	0.36
<b>BALUCHISTAN.</b>																				
Fort Sandeman .. ..	25.274	-0.015	S. 52 W.	4.1	71.9	57.8	95.5	+1.3	105.9	64.5	+0.7	51.8	43	+6	2.5	0.80	+0.06	1	+0.3	0.68
Haroon (a) .. .. .	..	..	..	..	..	(b) ..	(b) ..	..	(b) ..	..	..	..	..	..	1.01	+0.53	1	+0.2	1.00	
Quetta .. .. .	24.534	-0.025	Caln	2.9	59.7	(b) 52.0	80.3	-1.8	92.0	49.3	(b) -1.7	45.1	(b) 60	+14	1.5	0.69	+0.32	2	+1.0	0.40
Chaman .. .. .	25.536	-0.054	S. 3 E.	7.0	75.4	57.1	91.2	+0.3	103.8	65.8	+1.5	53.6	30	-6	2.0	0.24	+0.12	1	+0.6	0.18
Kalat .. .. .	23.657	-0.040	S. 3 W.	6.1	57.5	50.0	82.1	-1.1	94.0	48.1	+3.3	40.7	61	+13	1.3	0.38	+0.16	1	+0.2	0.22
Daibandin (b) .. ..	26.940	-0.030	S.	4.2	78.3	59.2	102.6	+0.9	113.3	68.1	(b) +1.3	57.3	23	-3	2.4	0	-0.13	0	-0.3	0
Pasni .. .. .	29.664	-0.022	N. 80 W.	8.3	76.4	75.0	92.2	-1.7	101.5	67.1	(b) -7.7	57.6	94	+11	0.4	0	-0.04	0	-0.1	0
Panjgur .. .. .	26.580	-0.014	N. 37 E.	4.1	71.7	61.7	93.4	+0.1	110.2	67.7	-0.6	53.2	57	+7	1.1	0.17	+0.02	1	+0.6	0.12

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (d) Mean of 27 days. (e) Mean of 20 days. (f) Mean of 12 days.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD	RAINFALL.					
	1	2	3	4	MEAN S. H.		MAXIMUM.			MINIMUM.			13	14		15	16	17	18	19	20
	Reduced to 32° standard gravity.	Departure from normal.	Mean direction at S. H.	Mean velocity in miles per hour.	Dry bulb.	Wet bulb.	Mean.	Departure from normal.	High est. in month.	Mean.	Departure from normal.	Lowest in month.			Mean S. H.						
<b>SINDH.</b>																					
Jacobabad	29.415	-0.09	S. 84 E.	3.9	89.7	72.4	11.2	-1.3	122.5	80.1	+1.4	70.2	(b) 41	-3	1.0	0.19	+0.05	1	+0.6	0.19	
Hyderabad	29.509	-0.012	S. 22 W.	7.8	85.9	77.9	105.7	-1.3	115.5	73.9	+1.7	74.9	66	+11	3.0	0.05	-0.15	0	-0.4	0.05	
Karachi	29.672	-0.014	S. 84 W.	11.7	83.7	79.5	83.9	+0.1	81.5	79.9	+1.2	77.8	83	+3	4.5	0	-0.07	0	-0.1	0	
<b>RAJPUTANA, WEST.</b>																					
Bikaner	28.852	-0.036	S. 18 W.	8.2	89.2	72.1	107.8	+0.4	117.9	81.4	-0.9	68.5	(f) 43	-1	1.6	0.25	-0.47	1	-0.3	0.25	
Methpur	28.881	-0.012	S. 48 W.	4.9	88.3	71.9	105.3	-0.7	113.5	81.9	+1.2	73.3	41	0	2.4	0.35	-0.40	0	-1.1	0.33	
<b>RAJPUTANA, EAST.</b>																					
Jaipur	28.247	-0.065	S. 67 W.	4.5	87.3	69.4	103.8	-2.6	111.5	77.5	-0.6	69.9	39	+2	2.3	0.78	+0.20	2	+0.5	0.66	
Ajmer	28.963	-0.027	S. 61 W.	2.6	81.2	67.3	100.8	-2.6	107.6	78.1	-2.0	79.9	47	+4	1.9	1.82	+1.22	2	+0.4	1.70	
Kotah	28.813	-0.019	N. 75 W.	2.5	92.7	79.5	106.9	-1.4	113.6	83.3	-1.7	74.2	31	+2	1.4	0.25	-0.34	1	-0.3	0.25	
Jodhpur (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.79	-0.44	1	-1.2	0.59		
<b>GUJARAT.</b>																					
Deesa	29.239	-0.022	S. 86 W.	9.5	87.6	74.7	103.9	-0.1	115.8	77.7	+0.3	73.2	53	-4	2.3	0.92	-0.41	0	-0.7	0.92	
Dahaj	29.373	-0.013	S. 75 W.	9.2	86.8	75.7	100.9	-0.3	112.9	78.5	+1.7	74.5	59	-3	2.5	0	-0.07	0	-0.2	0	
Dawarka	29.655	-0.032	S. 77 W.	11.5	84.3	79.5	88.2	+0.1	99.8	81.5	+1.2	79.8	80	-1	3.6	0	-0.01	0	0	0	
Deokot	29.271	-0.043	S. 77 W.	11.5	81.8	76.1	103.7	-1.4	112.5	76.9	+1.8	71.3	66	-1	5.4	3.77	+3.34	4	+3.4	2.80	
Deval	29.725	-0.028	N. 85 W.	19.7	82.4	79.0	86.9	-0.7	89.1	89.5	+1.9	76.5	82	0	3.0	9.11	-0.29	0	-0.4	9.04	
Devarat	29.793	-0.027	S. 65 W.	4.9	86.9	77.3	97.5	-0.1	113.2	80.3	+1.8	79.4	64	-3	4.8	2.24	+2.00	2	+1.6	1.19	
Abnadsabad	29.566	-0.022	N. 88 W.	4.6	87.3	75.9	106.9	-0.5	113.6	81.1	+1.9	77.1	58	-1	1.9	0.45	+0.92	2	+1.3	0.24	
<b>CENTRAL INDIA, WEST.</b>																					
Secmich	28.985	-0.019	N. 86 W.	8.0	87.8	71.6	122.6	-1.0	111.1	77.6	+0.4	79.8	45	-4	1.6	0.38	-0.29	1	-0.4	0.38	
Indore	27.897	-0.025	N. 89 W.	6.2	84.8	69.8	100.7	-2.2	109.9	75.5	-0.6	67.5	47	-3	2.3	0.85	+0.27	3	+1.6	0.32	
<b>CENTRAL INDIA, EAST.</b>																					
Devgong	28.834	+0.001	S. 88 W.	3.3	89.8	72.9	106.4	-0.6	113.9	78.6	-1.1	72.0	40	+5	2.3	1.16	+0.77	3	+2.0	0.42	
Debra	28.582	-0.008	S. 66 W.	3.5	89.2	68.1	103.4	-1.8	119.7	79.1	-0.5	71.6	34	+2	1.9	0.91	+0.13	2	+0.7	0.37	
<b>BERAR.</b>																					
Dehola	28.775	-0.015	N. 77 W.	6.3	88.3	79.2	109.2	-1.8	113.0	80.2	-0.8	75.3	39	0	3.5	0.35	-0.11	1	-0.1	0.27	
Amraoti	28.499	-0.003	N. 86 W.	4.2	89.2	71.6	105.5	-2.0	111.0	89.7	+0.4	72.5	41	+2	3.6	0.31	-0.37	1	-0.6	0.28	
<b>CENTRAL PROVINCES, WEST.</b>																					
Dehanda	28.658	-0.018	N. 86 W.	(c) 7.6	87.9	79.7	105.2	-1.5	111.7	79.8	-1.2	71.9	42	0	1.1	0.60	+0.18	2	+1.1	0.34	
Dehongabad	28.661	-0.003	S. 83 W.	2.3	86.7	79.4	105.3	-1.9	113.1	78.7	-1.5	68.2	44	+5	2.1	2.98	+2.40	6	+4.8	1.48	
Dehang	27.883	-0.004	S. 70 W.	6.0	86.3	66.7	100.4	-4.3	107.2	76.7	-2.3	68.2	35	+2	2.9	1.36	+0.86	6	+4.9	0.33	
Dehulpore	28.334	-0.019	N. 81 W.	2.8	88.3	69.1	102.3	-3.0	108.9	77.2	-1.3	70.5	37	+3	2.8	2.15	+1.62	3	+1.7	1.16	
Deoni	27.382	0	N. 64 W.	4.2	86.9	69.0	109.9	-2.5	107.2	76.5	+0.4	70.2	40	+7	3.1	1.01	+0.22	1	-1.1	0.91	
Deppur	28.679	+0.007	N. 60 W.	4.1	89.8	79.1	105.2	-3.4	111.5	80.6	-1.2	73.5	37	+4	4.1	1.55	+0.72	5	+2.9	0.69	
<b>CENTRAL PROVINCES, EAST.</b>																					
Deendra	27.660	-0.001	S. 61 W.	5.5	86.9	69.5	99.6	-2.1	109.9	75.4	+0.7	69.7	42	+8	4.5	2.89	-1.84	2	-0.4	2.20	
Deipur	28.692	-0.003	S. 39 W.	3.8	86.6	72.0	102.2	-4.6	119.4	79.9	-1.7	68.9	50	+13	4.3	2.82	+1.82	3	+0.7	1.34	
Dehanda	29.049	-0.008	S. 83 W.	5.2	89.9	73.1	106.1	-3.1	113.3	81.2	-0.7	72.6	44	+6	5.7	3.18	+2.47	5	+3.3	1.23	
Dehaldpur	27.892	-0.020	S. 42 W.	8.4	89.6	75.4	94.6	-4.6	102.4	74.0	-0.7	61.6	79	+20	5.4	10.21	+7.70	10	+4.5	2.53	
<b>KONKAN.</b>																					
DeBombay	29.737	-0.030	S. 36 W.	7.1	84.6	78.3	92.0	+1.1	93.3	81.8	+1.0	76.9	74	0	4.8	2.76	+1.92	3	+2.2	1.17	
DeRatnagiri	29.573	-0.025	N. 72 W.	7.1	83.9	77.8	89.9	-0.9	91.4	79.7	0	73.2	75	+5	2.6	4.19	+2.83	5	+3.5	1.88	
DeMarmagao	29.739	-0.010	N. 61 W.	5.8	85.5	79.1	91.1	+1.1	94.6	81.5	+0.6	75.6	74	-2	6.0	6.55	+3.92	4	+1.3	3.62	
DeKarwar	29.750	-0.016	N. 39 W.	3.4	84.0	89.6	92.2	+2.4	94.3	80.6	+1.0	75.0	86	+9	3.9	4.48	+1.25	3	-0.5	2.90	
<b>BOMBAY DECCAN.</b>																					
DeMalegaon	28.312	-0.016	S. 89 W.	8.0	86.7	71.8	103.2	-1.6	110.1	75.8	+0.6	69.2	48	0	3.9	1.39	+0.51	2	+0.7	0.88	
DeAhmadnagar	27.628	-0.015	N. 60 W.	7.1	83.5	68.6	98.7	-2.6	106.3	72.4	+0.5	66.5	46	-4	2.5	0.70	-0.21	1	-0.6	0.69	
DePoona	27.929	-0.023	S. 61 W.	5.4	80.8	70.2	98.0	-1.7	105.4	72.2	+0.3	65.3	58	+2	3.8	1.44	+0.24	4	+2.2	0.51	
DeSholapur	28.183	-0.013	N. 72 W.	6.7	82.7	71.0	101.2	-3.3	108.2	76.2	-0.5	69.0	55	+8	3.6	2.97	+1.94	7	+4.8	1.08	
DeBijapur	27.827	-0.012	N. 85 W.	6.8	80.6	71.4	98.7	-2.3	106.4	74.0	-0.3	68.6	63	+3	4.9	1.92	+0.66	5	+2.2	0.69	
DeBelgaum	27.248	-0.028	W.	4.5	73.9	70.4	89.4	-3.7	98.2	69.3	+1.1	66.0	84	+14	6.7	4.48	+2.02	7	+2.4	1.83	
<b>HYDERABAD, NORTH.</b>																					
DeAurangabad	27.867	-0.016	N. 84 W.	10.6	83.8	68.2	101.6	-2.0	108.2	76.2	+1.0	71.0	44	+1	4.0	0.18	-0.67	1	-0.5	0.18	
DeFarbhani (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.67	+0.32	2	0	1.47		
DeNizamabad	28.467	-0.021	S. 64 W.	2.6	86.0	72.4	102.5	-3.8	108.5	79.3	-1.7	69.3	52	+5	2.7	1.97	+1.36	3	+1.5	1.00	

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (d) Mean of 28 days. (f) Mean of 26 days.

STATION.	PRESSURE.		WIND.		TEMPERATURE.							HUMIDITY.		CLOUD.	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.
<b>HYDERABAD, SOUTH.</b>																			
Gulbarga .. .. .	28·244	-·008	S. 88 W.	8·1	81·0	71·3	102·8	-1·8	110·5	..	..	..	62	+7	5·7	4·29	+3·10	7	+4·3
Raichur .. .. .	28·438	-·005	S. 69 W.	5·3	82·5	73·2	100·4	-2·9	106·2	76·7	-2·5	71·4	64	+8	3·2	2·11	+1·07	7	+5·0
Hyderabad .. .. .	28·027	0	W.	4·6	83·8	73·4	100·0	-3·1	106·8	78·3	-1·7	70·4	61	+10	5·5	2·37	+1·37	4	+1·7
Hanamkonda .. .. .	28·831	-·001	W.	4·6	84·5	74·5	99·1	-5·6	108·0	80·2	-1·8	71·2	62	+13	7·2	4·46	+3·54	5	+3·0
<b>MYSORE.</b>																			
Chitaldrug .. .. .	27·497	-·008	S. 81 W.	3·2	76·3	70·3	91·6	-2·8	98·2	71·0	-0·5	63·4	74	+3	9·1	9·08	+6·03	10	+5·5
Bangalore .. .. .	26·846	-·007	S. 87 W.	6·0	73·6	69·4	87·5	-4·2	94·9	68·3	-0·9	63·8	81	+7	6·5	7·03	+2·67	12	+5·2
Mysore .. .. .	27·315	-·014	S. 64 W.	2·3	75·3	70·6	89·5	-2·3	92·3	69·4	-0·3	65·4	79	+4	5·1	3·24	-1·94	5	-2·5
<b>MALABAR.</b>																			
Mangalore .. .. .	29·730	-·020	N. 81 E.	4·6	83·1	77·4	92·3	+1·1	95·5	77·7	-0·8	71·6	76	+3	5·9	7·15	+0·95	6	-0·6
Calicut .. .. .	29·773	-·010	N. 37 W.	3·1	83·2	78·6	90·7	+0·3	94·1	77·3	-0·9	73·4	81	+1	6·6	10·85	+2·32	10	+1·5
Cochin .. .. .	29·808	-·002	S. 52 E.	2·9	81·4	77·4	88·0	-1·7	91·7	77·1	-0·5	73·3	83	+3	6·6	15·68	+4·01	16	+3·3
Trivandrum .. .. .	29·614	0	N. 30 W.	4·9	79·9	77·2	85·2	-1·5	88·3	77·3	-0·6	73·6	83	+7	7·9	12·30	+3·85	11	+1·1
<b>MADRAS, SOUTH EAST.</b>																			
Tinnevely (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·73	..	-0·84	2	-0·7
Pamban .. .. .	29·717	-·012	S. 19 W.	10·1	81·0	80·1	94·3	+2·9	96·8	81·1	+0·1	79·3	84	+6	3·6	0·47	-0·36	1	-0·6
Madura .. .. .	29·299	-·021	N. 49 W.	3·2	81·8	75·1	99·2	-0·8	103·1	78·7	+0·7	74·4	72	+6	7·7	1·19	-1·70	3	-1·7
Negapatam .. .. .	29·726	+·002	S. 72 W.	6·8	83·6	79·3	95·7	-1·8	103·0	80·7	+0·3	76·8	74	+4	5·7	0·02	-1·59	0	-1·9
Trichinopoly .. .. .	29·507	-·003	S. 48 W.	5·0	86·2	76·6	101·2	-0·4	107·0	78·8	0	70·1	63	-2	3·7	6·00	+2·86	6	+1·9
Coimbatore .. .. .	28·449	+·002	S. 27 W.	3·6	80·7	78·9	93·1	-1·7	95·1	73·0	-0·5	67·9	85	+5	3·7	1·82	-0·54	5	+0·2
Salem .. .. .	28·861	0	S. 53 W.	3·9	81·3	75·6	97·4	-2·2	103·9	76·4	0	70·1	76	+4	5·6	6·12	+1·40	11	+3·3
Cuddalore .. .. .	29·710	+·001	S. 45 W.	6·2	83·3	79·0	96·5	-1·9	103·4	79·4	-0·9	75·2	75	+5	5·0	1·32	+0·59	2	+0·8
Madras .. .. .	29·706	-·007	S. 41 W.	5·5	83·3	78·0	97·0	-1·5	104·0	79·7	-1·5	71·0	71	+5	4·9	4·04	+2·97	4	+2·9
<b>MADRAS DECCAN.</b>																			
Cuddapah .. .. .	29·322	+·003	N. 47 W.	..	86·0	76·5	101·8	-4·1	107·9	80·2	-2·9	68·3	64	+9	6·1	4·68	+3·11	4	+1·2
Bellary .. .. .	28·286	-·010	N. 87 W.	5·4	84·0	72·5	95·3	-3·1	105·3	76·2	-1·3	69·7	59	+4	4·1	1·74	-0·22	4	+0·6
Kurnool .. .. .	28·817	-·009	N. 88 W.	2·9	83·4	74·2	99·9	-4·7	105·0	79·1	-1·8	72·7	64	+7	5·0	2·67	+1·61	5	+2·5
<b>MADRAS COAST, NORTH.</b>																			
Nellore .. .. .	29·636	+·008	N. 84 W.	2·9	87·8	77·4	100·4	-4·2	108·1	80·7	-0·8	72·5	62	-1	6·0	2·04	+1·21	4	+2·8
Masulipatam (b) .. .. .	29·079	-·024	N. 12 E.	6·8	86·0	78·7	96·7	-3·0	108·9	80·8	-0·7	74·4	72	-4	4·5	6·83	+3·49	5	+3·0
Cocanada .. .. .	29·675	-·019	S. 67 W.	7·2	86·3	79·4	97·5	-1·7	108·4	80·8	-1·0	74·9	73	-1	6·1	5·49	+3·95	5	+2·3
Vizagapatam .. .. .	29·649	-·018	S. 85 W.	10·0	86·2	79·2	92·7	+0·7	101·5	80·8	0	75·1	73	+2	6·7	3·71	+1·72	4	+1·0
Calingapatam .. .. .	29·668	-·011	S. 79 W.	9·4	85·5	79·3	91·9	-3·0	95·4	79·5	-0·5	73·3	75	-1	5·4	5·53	+2·64	3	-0·6
Gopalpur .. .. .	29·616	-·028	S. 15 W.	10·3	85·0	80·9	90·3	+0·2	93·3	80·1	0	75·4	83	+1	3·9	1·26	-0·71	4	+0·9
<b>HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN.</b>																			
Maymyo .. .. .	26·299	-·033	S. 50 W.	2·6	73·6	67·6	83·5	+1·3	88·6	65·1	+0·8	60·4	74	-6	4·2	7·94	-1·76	10	-1·8
Shillong .. .. .	24·989	-·042	S. 37 W.	5·0	66·7	61·6	74·9	0	78·9	59·6	+0·8	54·0	75	+2	6·1	10·93	+0·36	13	-4·3
Cherrapunji .. .. .	25·557	-·036	S. 23 W.	7·1	65·7	63·3	70·1	-2·2	75·2	60·6	+0·2	53·4	88	+2	8·5	81·40	+35·12	25	+3·9
Jorjiling .. .. .	22·849	-·038	N. 87 W.	3·4	57·6	55·1	65·0	+0·4	69·3	53·2	+0·9	56·3	86	-2	8·3	6·40	-2·30	12	-2·3
Mukteswar .. .. .	22·755	-·033	N. 87 W.	8·0	61·3	59·7	72·7	-0·8	79·2	56·8	+1·9	45·6	49	-2	3·0	3·04	+0·50	6	+0·1
Mussoorie (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2·08	..	-1·70	3	-3·0
Chakrata .. .. .	23·350	+·003	N. 57 E.	7·9	64·8	55·8	74·7	+0·6	81·7	58·2	+1·6	46·2	63	+14	3·1	1·39	-1·05	4	-1·4
Simla .. .. .	23·033	-·007	N. 11 W.	4·6	62·7	59·7	76·6	-1·5	79·4	57·0	-1·1	44·8	44	0	4·0	6·21	+3·34	9	+3·7
Paliourie (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3·64	..	..	6	..
Murree .. .. .	23·877	-·018	S. 45 W.	5·4	66·3	52·0	73·0	-2·8	87·5	59·7	+0·4	45·7	40	-2	2·6	4·31	+1·44	6	+1·0
Cherat .. .. .	25·575	-·005	N. 45 W.	7·4	72·3	62·2	84·2	-2·2	101·6	65·9	-0·8	51·0	58	+21	3·3	4·30	+2·74	6	+3·3
Parachinar .. .. .	24·340	-·011	N. 45 W.	1·0	69·8	59·0	78·9	-0·7	94·8	55·6	-0·1	45·1	57	+11	2·6	2·77	+0·26	11	+3·9
Erosh .. .. .	24·927	-·078	E.	2·9	67·6	57·4	81·2	-1·0	100·1	59·7	+0·5	44·0	57	+3	3·1	1·91	-0·04	4	-0·1
Mount Abu .. .. .	25·922	-·017	S. 82 W.	6·2	76·6	61·6	87·5	-0·5	95·6	71·0	-0·1	63·8	45	+7	3·3	1·08	+0·02	2	+0·4
Pachmarhi .. .. .	26·321	-·009	N. 83 W.	4·9	80·0	65·0	94·5	-1·0	100·1	73·9	-1·1	67·1	46	+9	3·4	1·10	+0·49	2	+0·3
Mercara .. .. .	26·122	-·015	N. 72 W.	3·2	68·9	66·8	79·5	-0·6	84·8	63·7	-0·5	61·0	90	+4	9·3	3·57	-2·08	10	+1·3
Kodalkanal .. .. .	22·747	-·019	S. 37 E.	5·5	60·2	55·8	69·5	+0·1	75·2	53·8	-0·8	51·2	77	+9	6·3	9·43	+3·41	13	+2·4
<b>CEYLON.</b>																			
Colombo .. .. .	29·787	-·010	S. 45 W.	3·9	79·6	76·8	87·6	-0·5	89·5	77·9	+0·1	74·6	88	+3	7·3	7·89	-3·69	16	+2·7

\*Aneroid.

(a) Reports only rainfall.

(b) Mean of 30 days.

(c) Mean of 29 days.

(d) Mean of 24 days, (p) Mean of 16 days, (q) Mean of 15 days.

# MONTHLY WEATHER REPORT

FOR

June 1925.

Supplement to the Indian Daily Weather Report for the 12th July 1925.

*Published by order of the Governor General in Council.*

*Summary.*—During the earlier half of the month the monsoon was weak except in northwest India, where rainfall was unusually heavy for the time of year; conditions improved later and by the end of the month both currents had given seasonable rain over most of the country.

2. Meteorologically the month may be divided into four periods, *viz.*, 1st to 7th, 8th to 15th, 16th to 24th and 25th to 30th. The first of these periods began with a strong monsoon on the west coast of the Peninsula, but with little rain in northwest and central India, and the Deccan. A wave of low pressure, such as usually precedes an advance of the monsoon in the Arabian Sea, had reached the sea off the Konkan on the 1st, and had by the morning of the next day developed into a depression off the south Kathiawar coast: this crossed into Gujarat during that day and remaining almost stationary slowly intensified during the next two days. It then advanced northeastwards through Central India West and disappeared over the east of the United Provinces on the 7th. This depression caused a concentration of rainfall in its neighbourhood, and very heavy rain fell locally between the 1st and 5th in the north Konkan, Khandesh and parts of Kathiawar; floods are reported to have occurred in parts of Junagad, Jammagar and Bhavnagar. During this period the Bay monsoon was more or less vigorous in Burma, but was weak in the rest of its field. During the second period the features that characterised the Bay monsoon during the first period persisted and the current continued fairly active in Burma and extended spasmodically into northeast India, but there was a considerable change in regard to the Arabian Sea monsoon and an almost complete break prevailed in its field. On the 16th, the first day of the third period, the Arabian Sea monsoon began to revive, but was on that and the next day diverted strongly to the Punjab and the frontier. Later with the displacement of the monsoon trough of low pressure further south than usual, both branches of the monsoon spread inland and gave till the 23rd fairly well-distributed rain; heavy rain fell on the west coast from Ratnagiri southwards between the 19th and 25th, causing floods in some of the Malabar rivers and in the Cauvery. S. S. *Cawara* experienced off Cochin at 1 hr. on the 21st a squall from WNW of hurricane violence accompanied with heavy rain. As in the first period, a wave of low pressure advanced in front of this strengthening of the monsoon on the west coast and this developed into a depression which lay off the Konkan on the 22nd; the depression moved into Kathiawar on the 25th and passing out again into the north Arabian Sea near Dwarka, advanced westwards and disappeared off the Sind coast on the 27th. During the latter part of its existence, it drew off the rain from northwest and central India. The outstanding feature of the fourth period, 25th to 30th, was the storm from the Bay. A depression formed over the head of the Bay on the 24th and had developed into a storm of moderate intensity by the morning of the 27th: crossing the coast between Saugor Island and Balasore on the morning of the 28th, this advanced in a northwesterly direction and was over Chota Nagpur on the morning of the 30th. The Bay monsoon was weak in northeast India until the storm crossed the coast and strengthened subsequently, and very heavy rain fell in Orissa and the adjacent parts of the Central Provinces, False Point and Cuttack recording  $21\frac{1}{2}$ " and  $15$ " respectively in forty-eight hours. S. S. *Jalabita* experienced gales at Lat.  $19\frac{1}{2}^{\circ}$  N., Long.  $86\frac{1}{2}^{\circ}$  E. on the morning of the 26th; a ferry boat from Dacca crossing the river Dhaleshwari is reported to have capsized on the morning of the 28th owing to strong wind. A feature of this storm is that for two days after the passage of the barometric centre inland it continued to cause very strong winds in the north of the Bay, and this was responsible for the delays in the arrival of several steamers at Calcutta; S. S. *Chindwara* was held up near Saugor Island from the 27th to 30th, and reported gales on the morning of the 29th. The Arabian Sea monsoon was during this period fairly active in northwest and central India, and it was reported that locally heavy rain had rendered necessary the diversion of mail trains on some sections of the North-Western Railway and the complete suspension of railway communication on a part of the Bikaner Railway.

3. Averaged over the whole of India the rainfall of the month was normal, but the distribution was irregular. The month's total was in large excess over the greater part of northwest India and

in the west of the United Provinces, and in moderate to large defect in Assam, Bihar and parts of the Deccan.

4. The cloudy weather and rainfall, associated with the depression from the Arabian Sea during the earlier half of the month caused a marked reduction in maximum temperature in the Bombay Deccan and north Hyderabad till the 6th, in Gujarat between the 3rd and 6th, in the central parts of the country and in east Rajputana till the 9th, and in the west of the United Provinces and the adjoining districts of the Punjab till the 13th; the deficiency averaged  $26^{\circ}$  and  $19^{\circ}$  in east Rajputana and in Central India West respectively on the 6th, and  $23^{\circ}$  and  $21^{\circ}$  in the United Provinces West and Central India East on the 7th; the minimum temperature in these areas was also appreciably lower than usual on some days in this period. On the other hand there was a spell of warmer days than usual in Orissa, Chota Nagpur and Mysore between the 9th and 16th. With the revival and extension of the monsoon during the latter half of the month, maximum temperature was markedly low in the United Provinces West and the east and north Punjab between the 17th and 25th. On the mean of the month maximum temperature was below normal by  $6\frac{1}{2}^{\circ}$  to  $8^{\circ}$  in the United Provinces West, the Punjab East and North and Rajputana East, while the minimum was lower than usual by  $4^{\circ}$  in the United Provinces West and Rajputana East.

### Summary of the local conditions.

*Burma, including the Bay Islands.*—Rainfall was nearly normal in Burma and in moderate excess in the Bay Islands. Other climatic elements did not differ appreciably from the average.

*Northeast India, including Orissa.*—The total rainfall of the month was in large excess in Orissa, nearly normal in Chota Nagpur, in slight defect in Bengal, and in moderate defect in Assam and Bihar. Other climatic elements were roughly normal.

*The United Provinces, Central India and the Central Provinces.*—The total rainfall of the month exceeded twice the usual amount in the United Provinces West, and was also in moderate excess in Central India West and the Central Provinces East; it was nearly normal in the United Provinces East and Berar, and in slight defect in Central India East and the Central Provinces West. Cloud proportion was in excess in the United Provinces West and Central India West. Humidity was above normal in the United Provinces West, Central India and the Central Provinces West. Maximum temperature was generally low, the departure from the normal averaging about  $8^{\circ}$  in the United Provinces West and  $5^{\circ}$  in Central India West; the minimum was also lower than usual in the United Provinces West, Central India East and the Central Provinces West.

*Northwest India.*—More than twice the usual amount of rain fell in the Punjab East and North, Baluchistan and Gujarat, and there was also a large excess in Rajputana. Rainfall was in slight excess in Sind, in slight defect in the Punjab Southwest and the North-West Frontier Province, and in large defect in Kashmir. Cloud proportion was in excess in the Punjab, Sind and Rajputana. Humidity was above normal except in Sind, Kashmir and Gujarat, where it did not differ appreciably from the average. Maximum temperature was lower than usual in the Punjab, Rajputana and Gujarat; the minimum was also below normal in the Punjab East and North and Rajputana East.

*The Peninsula.*—Rainfall was in slight excess in the Konkan and Madras Southeast, nearly normal in Malabar and the Madras Coast North, in slight defect in the Bombay Deccan and Hyderabad South, and in moderate to large defect in Hyderabad North, Mysore and the Madras Deccan. Cloud proportion, humidity and temperature were roughly normal.

Table I contains the data of rainfall, temperature humidity and cloud for the 15 chief political divisions; and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report; the divisional means, Tables I and II, are based on these observations.

SIMLA;

C. W. B. NORMAND,

The 7th July 1925.

for Director General of Observatories.

Division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma .. ..	19.95	21.58	-1.63	-8	-0.3	+0.2	+1	+0.4
Assam .. ..	11.72	17.47	-5.75	-33	+1.3	+0.7	-3	0
Bengal .. ..	13.40	16.05	-2.65	-17	+1.2	+0.2	-2	-0.5
Bihar and Orissa ..	10.38	9.33	+1.05	+11	+0.9	+0.2	-2	-0.8
United Provinces ..	8.07	4.79	+3.28	+68	-4.5	-2.6	+10	+1.3
Punjab .. ..	3.92	1.95	+1.97	+101	-5.6	-1.9	+13	+1.0
North-West Frontier Province	0.46	0.51	-0.05	-10	-2.0	+1.0	+11	-0.5
Sind .. ..	0.62	0.50	+0.12	+24	-0.6	+1.1	0	+0.9
Rajputana .. ..	4.08	2.31	+1.77	+77	-5.6	-3.2	+10	+1.3
Bombay .. ..	12.92	10.08	+2.84	+28	-2.0	-0.8	+1	+0.2
Central India .. ..	5.66	5.52	+0.14	+3	-4.1	-2.1	+9	+0.3
Central Provinces ..	7.96	7.52	+0.44	+6	-2.8	-1.3	+5	0
Hyderabad .. ..	3.84	5.49	-1.65	-30	-0.7	-0.3	0	-0.7
Mysore .. ..	1.39	2.89	-1.50	-52	+0.8	-0.2	-2	-0.2
Madras .. ..	7.19	7.24	-0.05	-1	-0.3	-0.1	0	0
Mean of India .. ..	9.19	9.00	+0.19	+2	-1.9	-0.8	+4	+0.3

TABLE II, JUNE.

Sub-division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud
1. Bay Islands .. ..	26·12	19·34	+6·78	+35	-1·3	-0·9	+1	+0·1
2. Lower Burma .. ..	29·01	30·62	-1·61	-5	-0·7	+0·3	0	+0·4
3. Upper Burma .. ..	8·30	8·67	-0·37	-4	+0·3	+0·1	+1	+0·4
4. Assam .. ..	11·72	17·47	-5·75	-33	+1·3	+0·7	-3	0
5. Bengal .. ..	13·40	16·05	-2·65	-17	+1·2	+0·2	-2	-0·5
6. Orissa .. ..	17·82	9·93	+7·89	+79	-0·3	0	+2	-1·1
7. Chota Nagpur .. ..	8·33	9·19	-0·86	-9	+1·7	+0·5	-1	-0·1
8. Bihar .. ..	5·67	8·94	-3·27	-37	+1·3	+0·2	-4	-0·8
9. United Provinces, East ..	5·55	5·19	+0·36	+7	-1·9	-1·5	+3	+0·3
10. Do. do. West ..	10·23	4·44	+5·79	+130	-7·7	-3·9	+17	+2·5
11. Punjab, East and North ..	5·65	2·47	+3·18	+129	-6·6	-2·4	+13	+1·1
12. Do. Southwest ..	0·91	1·05	-0·14	-13	-3·7	-1·1	+12	+0·8
13. Kashmir .. ..	0·54	1·28	-0·74	-58	+1·9	+1·6	-2	-0·4
14. North-West Frontier Province	0·46	0·51	-0·05	-10	-2·0	+1·0	+11	-0·5
15. Baluchistan .. ..	0·91	0·32	+0·59	+184	+1·1	+1·4	+7	-0·1
16. Sind .. ..	0·62	0·50	+0·12	+24	-0·6	+1·1	0	+0·9
17. Rajputana, West .. ..	2·89	1·45	+1·44	+99	-2·9	-1·9	+5	+2·0
18. Do. East .. ..	4·67	2·74	+1·93	+70	-7·4	-4·1	+14	+0·9
19. Gujarat .. ..	7·99	3·94	+4·05	+103	-3·5	-1·0	+3	+1·0
20. Central India, West ..	6·79	5·06	+1·73	+34	-4·5	-1·7	+6	+1·7
21. Do. do. East ..	4·53	5·98	-1·45	-24	-3·7	-2·6	+11	-1·1
22. Berar .. ..	6·53	5·95	+0·58	+10	-1·9	-0·6	+1	+0·2
23. Central Provinces, West ..	6·22	7·27	-1·05	-14	-3·6	-2·1	+6	-0·5
24. Do. do. East ..	11·28	8·68	+2·60	+30	-2·0	-0·3	+4	+0·5
25. Konkan .. ..	34·49	28·44	+6·05	+21	-0·6	-0·4	+2	-1·4
26. Bombay, Deccan .. ..	4·31	5·00	-0·69	-14	-1·1	-0·9	-1	+0·2
27. Hyderabad, North ..	3·64	6·54	-2·90	-44	-1·7	-0·5	+1	-1·4
28. Do. South .. ..	3·99	4·70	-0·71	-15	-0·3	-0·3	0	-0·4
29. Mysore .. ..	1·39	2·89	-1·50	-52	+0·8	-0·2	-2	-0·2
30. Malabar .. ..	28·17	28·19	-0·02	0	+0·5	0	+1	-0·2
31. Madras, Southeast ..	1·74	1·43	+0·31	+22	-0·4	0	+2	+0·2
32. Do. Deccan .. ..	1·13	2·58	-1·45	-56	0	+0·2	-4	-1·0
33. Do. Coast, North ..	4·41	4·33	+0·08	+2	-0·7	-0·6	-1	+0·5

TABLE III, JUNE.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.		RAINFALL.			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
<b>BAY ISLANDS.</b>																				
Port Blair .. .. .	29.679	-0.09	S. 77 W.	8.0	80.2	77.3	84.5	-1.0	88.2	76.9	-0.9	72.7	88	+1	8.4	26.12	+0.78	24	+3.9	7.20
<b>LOWER BURMA.</b>																				
Mergul .. .. .	29.720	-0.09	S. 35 E.	4.4	77.0	76.3	84.7	-0.8	88.9	73.6	+0.2	71.5	93	+1	9.4	31.22	+1.81	24	-0.8	6.93
Tavoy .. .. .	29.751	-0.21	S. 37 E.	2.3	78.0	76.4	83.6	-1.0	88.1	75.5	+0.5	78.4	93	+1	8.4	53.14	+2.90	26	+0.7	5.82
Moulmein .. .. .	29.669	-0.10	S. 26 E.	3.4	78.3	76.4	83.6	-1.0	88.5	75.4	+0.5	73.3	91	-1	9.4	34.38	-2.83	27	+1.0	4.17
Rangoon .. .. .	29.700	-0.14	S. 2 E.	4.2	80.5	77.9	86.5	+0.1	90.1	77.1	+0.7	74.1	88	-3	9.3	11.16	-0.88	21	-2.0	2.38
Passein .. .. .	29.676	-0.10	S. 13 W.	3.2	79.1	77.3	86.8	+0.4	91.8	77.3	+0.8	73.6	92	0	7.5	21.12	-1.90	23	-1.5	4.52
Diamond Island .. .. .	29.640	-0.22	S. 36 W.	9.1	81.8	79.0	85.0	-0.6	87.3	77.0	+0.1	78.6	88	+4	6.2	20.52	-4.17	23	+0.7	3.74
Toungoo .. .. .	29.515	-0.44	..	..	79.0	77.8	87.1	-1.9	90.9	75.6	+0.2	71.9	92	+3	8.0	13.85	-0.49	21	+0.4	2.80
Kyaukpnyu .. .. .	29.627	-0.18	S. 44 E.	3.7	80.5	78.0	85.9	-0.9	90.7	77.9	+0.6	72.8	89	-1	7.8	37.94	-2.29	21	-3.4	6.00
Akyab .. .. .	29.612	-0.20	S. 51 E.	8.1	80.9	77.8	84.0	-1.4	88.6	77.0	-0.5	73.5	87	-5	9.1	37.99	-8.95	23	-1.2	8.73
<b>UPPER BURMA.</b>																				
Minbu .. .. .	29.484	-0.17	S. 25 E.	(c)	81.5	77.4	93.2	+0.9	97.7	78.0	+0.3	75.0	83	+1	7.5	5.03	-0.72	8	-1.9	1.57
Yamethin .. .. .	29.038	-0.3	..	(d)	79.6	75.9	91.1	-0.1	95.9	75.8	+0.4	72.7	84	+2	7.3	2.07	-3.04	6	-3.1	0.50
Mandalay .. .. .	29.413	-0.07	S. 19 E.	3.4	82.3	76.5	95.0	+0.2	103.0	78.4	-0.2	67.8	76	0	7.6	9.65	+4.13	9	+1.7	4.20
Monywa .. .. .	29.375	-0.15	S. 17 E.	3.2	83.0	78.1	94.1	+0.3	100.2	78.7	+0.1	75.8	80	0	8.3	4.57	-1.00	7	+0.2	2.15
Lasbio (c) .. .. .	29.509	-0.10	S. 52 W.	(d)	73.1	70.5	83.6	-0.5	90.5	69.7	-0.1	65.4	88	+2	8.7	10.26	+0.50	16	+0.7	3.38
Bhemo .. .. .	29.165	-0.15	Calm.	0.4	79.9	78.5	90.5	+0.2	97.7	73.7	-0.8	67.7	94	+3	7.4	11.79	-2.09	15	-3.6	4.32
Myitkyina .. .. .	29.154	-0.18	Calm.	2.2	78.2	76.1	89.2	+1.4	96.0	75.7	+0.7	71.1	91	+1	8.3	14.75	-0.38	18	-1.3	2.59
<b>ASSAM.</b>																				
Dibrugarh .. .. .	29.263	-0.04	N. 88 E.	1.0	79.0	76.5	88.7	+1.7	93.9	74.9	+0.7	71.1	89	-3	7.0	18.27	-0.98	15	-4.5	3.80
Sibsagar .. .. .	29.290	-0.07	S. 67 E.	6.5	81.7	77.9	90.7	+2.0	96.0	77.0	+0.9	72.6	84	-7	8.7	9.71	-4.50	16	-0.7	1.65
Tezpur .. .. .	29.306	+0.00	N. 28 E.	1.3	81.3	78.3	90.4	+1.0	94.1	(c) 77.9	+1.3	75.5	87	-2	7.2	6.64	-5.36	10	-5.6	3.28
Gauhati .. .. .	29.419	-0.01	N. 53 E.	1.0	81.8	78.1	90.6	+1.1	93.3	76.9	+0.4	72.4	84	-3	7.5	8.51	-0.32	12	-4.1	3.49
Dhubri .. .. .	29.481	+0.01	S. 86 E.	2.7	79.3	77.1	86.5	+0.4	89.0	76.4	+0.2	72.0	90	-1	7.0	15.75	-8.07	16	-1.9	4.08
Shilchar .. .. .	29.538	+0.05	S. 68 E.	1.9	80.3	78.0	90.6	+1.3	98.0	76.7	+0.6	74.5	89	0	8.3	11.43	-10.25	20	-0.8	2.32
<b>BENGAL.</b>																				
Cox's Bazar .. .. .	29.586	+0.01	S. 14 E.	2.6	81.6	78.4	87.9	+1.6	90.9	76.4	+1.6	72.3	86	-3	6.5	23.78	-7.95	17	-3.1	6.56
Chittagong .. .. .	29.523	-0.10	S. 51 E.	3.8	81.4	78.2	88.0	+1.2	92.8	77.4	+0.6	72.1	87	+1	7.2	22.33	+1.54	14	-2.6	5.50
Narayanganj .. .. .	29.505	+0.03	S. 23 E.	1.9	83.0	79.7	90.1	+1.2	94.1	78.8	+0.7	74.8	86	-2	6.7	8.30	-4.59	13	-1.8	2.11
Barisal .. .. .	29.570	+0.03	S. 41 E.	1.9	83.6	80.1	90.2	+1.6	95.7	78.8	+0.8	72.0	85	-2	5.7	13.09	-3.24	14	-3.2	3.33
Jessore .. .. .	29.549	+0.16	S. 54 E.	2.6	83.5	80.7	90.6	-0.3	97.4	78.9	+0.4	74.9	88	+1	7.1	11.17	-1.00	13	-1.3	2.86
Calcutta .. .. .	29.530	+0.02	S. 11 E.	4.0	83.4	80.3	92.2	+0.9	101.2	79.2	+0.4	74.8	87	+2	8.6	7.54	-4.36	15	+1.7	1.28
Saugor Island .. .. .	29.527	-0.09	S. 8 W.	14.1	85.5	80.7	90.5	+0.4	95.2	(d) 79.7	-1.4	67.0	81	-3	7.6	9.33	-2.21	12	-0.3	1.78
Burdwan .. .. .	29.438	-0.07	S. 11 E.	1.4	83.3	79.2	94.0	+1.0	102.1	78.5	-0.4	73.5	83	-1	7.6	6.09	-4.15	11	-1.8	1.55
Berhampore .. .. .	29.494	+0.08	S. 31 E.	3.5	84.9	80.0	93.0	+2.9	102.6	78.2	-0.2	74.8	80	-7	6.4	4.79	-5.25	10	-2.5	2.01
Mymensingh .. .. .	29.542	+0.03	S. 69 E.	0.7	81.3	77.6	88.9	+1.4	93.2	77.8	+0.7	73.8	84	-5	8.1	16.37	-2.34	15	-3.2	2.59
Bogta .. .. .	29.515	+0.09	S. 6 E.	2.4	82.1	79.0	91.8	+2.5	95.2	77.4	+0.2	73.4	87	0	6.5	8.56	-5.47	8	-6.7	2.81
Dinajpur .. .. .	29.463	+0.14	S. 67 E.	2.6	81.0	78.3	90.0	+0.6	94.0	78.1	+1.0	73.2	86	-2	5.4	8.74	-5.31	15	+0.9	1.68
Jaipalguri .. .. .	29.320	+0.05	S. 45 E.	1.3	79.7	77.0	89.8	+1.2	93.4	75.2	-0.5	71.4	88	-1	7.1	34.05	+10.32	21	+3.1	6.80
<b>ORISSA.</b>																				
Balasore .. .. .	29.468	-0.10	S. 48 W.	4.1	83.3	79.3	93.3	+0.7	103.7	78.8	+0.1	74.0	83	+1	6.9	7.53	-2.54	11	-0.6	2.20
Hukitala (False Point) (f) ..	29.553	+0.24	S. 9 W.	(g) 8.9	..	..	..	..	..	..	..	..	..	..	4.4	23.72	+15.08	11	+0.8	13.25
Cuttack .. .. .	29.485	+0.11	S. 62 W.	2.9	84.2	79.7	95.6	+0.4	107.6	79.5	-0.3	74.1	82	+3	7.2	22.93	+12.85	14	+2.4	8.10
Samtalpur .. .. .	29.059	-0.06	S. 76 W.	4.4	84.3	77.5	95.1	-2.0	105.2	80.8	+0.3	73.9	74	+2	4.2	17.10	+6.18	10	-1.0	6.94
<b>CHOTA NAAGPUR.</b>																				
Chaitasa .. .. .	28.795	-0.01	S. 53 W.	3.1	85.7	77.8	97.5	+3.6	105.9	79.8	+2.0	73.6	70	-8	6.2	7.18	-1.58	10	-1.7	1.75
Ranchi .. .. .	27.458	+0.23	S. 67 W.	3.3	80.8	75.6	90.9	-0.3	97.9	74.0	-1.1	69.0	79	+5	5.9	11.49	+1.81	14	+1.8	3.13
Hazaribagh (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6.32	-2.81	12	+0.0	1.63	

(a) Reports only rainfall.

(c) Mean of 29 days.

(d) Mean of 28 days.

(f) Mean of 26 days.

(g) Mean of 25 days.

STATION.	PRESSURE.		WIND.		TEMPERATURE.							HUMIDITY.		Cloud.	RAINFALL.					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
<b>BIHAR.</b>																				
Purnea .. ..	29.435	-.006	S. 88 E.	2.8	82.1	78.8	91.9	+0.4	96.3	76.9	-0.5	73.2	86	-1	4.6	5.48	-5.62	9	-3.0	1.70
Darbhanga .. ..	29.391	+.008	N. 72 E.	1.9	84.1	78.1	95.6	+3.2	101.9	78.9	+0.2	74.4	76	-7	6.3	2.42	-5.61	6	-3.0	1.32
Fatna .. ..	29.361	+.019	S. 89 E.	4.5	85.3	79.1	96.8	+1.1	102.7	80.2	+0.4	76.6	75	-2	5.9	5.50	-2.62	10	+1.9	1.33
Gaya .. ..	29.163	+.014	S. 8 W.	3.1	87.0	77.8	100.0	+0.9	106.9	81.6	+0.9	75.6	65	-8	2.7	3.40	-3.99	8	-0.2	0.92
Naya Dumka .. ..	29.055	+.005	N. 85 E.	2.8	84.5	78.6	93.9	+0.7	100.8	78.3	+0.2	73.2	77	-3	4.8	11.54	+1.47	13	+0.8	2.45
<b>UNITED PROVINCES, EAST.</b>																				
Gorakhpur .. ..	29.295	+.019	N. 88 E.	3.2	84.4	78.5	97.5	+0.7	105.1	79.3	+0.1	75.0	76	-1	3.4	2.62	-4.79	8	-0.1	0.64
Benares .. ..	29.277	+.014	S. 4 W.	2.6	88.6	78.5	101.0	+0.7	108.9	81.0	-0.8	74.2	64	-4	5.8	6.24	+1.25	8	+1.8	2.45
Allahabad .. ..	29.218	+.017	S. 73 W.	3.6	88.8	79.4	101.1	-1.0	108.4	81.4	-1.3	74.6	67	+6	5.0	3.26	-1.70	7	+1.6	0.80
Cawnpore .. ..	29.115	+.022	S. 2 W.	2.1	86.1	77.8	97.5	-4.8	108.6	79.5	-3.2	73.1	69	+8	3.5	6.45	+3.13	11	+6.6	1.55
Lucknow .. ..	29.165	+.021	S. 64 E.	1.5	86.2	78.6	98.5	-2.9	110.2	79.5	-2.1	74.1	71	+7	4.8	4.14	-0.33	10	+4.5	1.48
Bahraich .. ..	29.122	+.006	S. 76 E.	2.1	83.3	77.7	93.7	-4.4	105.2	77.7	-2.0	71.2	77	+5	4.7	10.58	+4.56	10	+3.2	3.05
<b>UNITED PROVINCES, WEST.</b>																				
Jhansi .. ..	28.712	+.002	S. 77 W.	3.4	82.9	76.0	96.1	-7.7	106.3	78.3	-6.3	70.2	73	+18	5.0	6.91	+2.61	7	+1.6	1.51
Agra .. ..	28.969	+.013	S. 43 W.	5.4	84.1	76.3	95.7	-9.9	108.7	79.1	-4.3	72.3	71	+27	6.5	6.42	+4.07	7	+3.2	2.70
Mainpuri .. ..	29.010	+.019	N. 24 E.	0.4	85.0	77.9	96.5	-7.2	110.8	78.8	-3.9	72.2	73	+15	5.9	10.98	+8.50	12	+8.0	3.16
Bareilly .. ..	28.979	+.030	N. 70 E.	1.1	83.2	78.3	93.9	-6.1	107.1	77.5	-2.7	70.6	80	+11	6.8	14.91	+9.77	9	+3.7	6.15
Meerut (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8.38	+5.25	10	+6.2	1.80	
Roorkee .. ..	28.656	+.030	S. 63 E.	2.4	82.0	75.1	93.4	-7.4	103.0	76.6	-2.2	70.7	73	+13	6.0	8.95	+4.03	10	+4.4	3.70
Dhara Dun (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15.08	+6.29	10	+0.3	7.40	
<b>PUNJAB, EAST AND NORTH.</b>																				
Delhi .. ..	28.832	+.036	N. 86 E.	3.3	84.1	76.6	95.4	-7.9	107.2	79.8	-3.8	73.1	71	+16	5.1	3.83	+0.84	6	+2.0	1.47
Bisr .. ..	28.786	+.019	S. 2 E.	5.2	85.4	77.3	99.5	-7.3	111.2	78.8	-4.6	71.0	69	+19	3.3	3.76	+2.12	7	+4.1	2.16
Ambala .. ..	28.637	+.017	S. 40 E.	3.5	83.9	75.5	97.4	-5.3	108.7	78.6	-1.7	72.1	68	+9	4.4	7.62	+3.87	10	+5.0	1.99
Ludhiana .. ..	28.713	+.024	S. 69 E.	2.9	83.1	74.6	99.4	-5.3	109.8	78.2	-3.0	72.6	67	+15	3.0	6.25	+3.72	6	+2.4	1.90
Lahore .. ..	28.804	+.022	S. 69 E.	2.2	86.1	76.7	100.4	-0.7	109.0	80.3	-0.2	71.3	65	+14	3.0	4.94	+3.26	6	+3.1	1.86
Stalkot .. ..	28.695	+.033	N. 84 E.	2.0	83.5	75.4	97.2	-7.9	107.7	77.9	-2.8	64.6	69	+17	4.4	9.56	+7.10	7	+3.4	3.02
Rawalpindi .. ..	27.890	+.029	S. 34 E.	1.8	85.4	70.6	97.7	-5.9	107.0	75.0	-0.7	65.3	49	+4	1.7	3.57	+1.93	7	+3.5	1.05
<b>PUNJAB, SOUTH-WEST.</b>																				
Khushab .. ..	28.899	+.031	N. 74 E.	6.9	88.6	76.2	101.9	-5.4	109.7	80.8	-1.7	69.2	57	+15	1.1	0.28	-0.49	1	-1.4	0.88
Lyalpur .. ..	28.883	+.031	S. 50 E.	2.9	86.6	76.7	102.6	-3.5	109.2	81.1	-1.1	75.2	62	+13	3.8	0.75	-0.58	2	0	0.53
Montgomery .. ..	28.929	+.021	S. 44 E.	4.1	89.2	76.7	103.0	-5.7	109.6	81.5	-2.4	73.7	55	+14	2.5	1.09	+0.21	3	+1.6	0.0
Multan .. ..	29.042	+.017	S. 6 W.	2.6	91.3	78.8	107.9	-0.4	114.9	85.4	+0.7	75.4	56	+5	1.1	0.91	+0.29	1	-0.2	0.88
<b>KASHMIR.</b>																				
Srinagar .. ..	24.669	-.033	N. 34 E.	1.9	70.5	63.5	85.5	+2.5	92.3	60.6	+2.3	50.9	68	-10	2.7	1.19	-0.29	4	+0.4	0.39
Gulmarg .. ..	21.762	-.001	N. 41 E.	3.2	61.3	56.1	69.2	+1.6	79.5	47.4	+2.8	38.7	75	+2	3.5	1.40	-2.05	5	-3.7	0.42
Sonamarg (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.85	-1.79	3	-4.7	0.37	
Dras .. ..	20.691	-.032	N.	5.5	57.3	48.5	71.6	-0.8	78.9	44.3	+2.2	38.8	57	-2	2.5	0.21	-0.37	1	-1.1	0.21
Leh .. ..	19.629	-.025	S. 31 W.	3.6	55.8	44.0	73.5	+1.4	81.3	46.8	+2.4	38.4	41	-1	4.0	0.08	-0.10	0	-0.7	0.06
Skardu .. ..	22.679	-.049	N. 23 W.	4.2	78.9	53.2	85.3	+4.2	93.6	56.9	+0.2	47.9	35	-12	2.2	0	-0.27	0	-0.7	0
Gilgit .. ..	24.925	-.002	S. 45 W.	0.9	78.2	67.8	95.3	+2.3	101.8	66.6	-0.5	57.8	58	+13	1.0	0.06	-0.29	0	-1.2	0.05
<b>NORTH-WEST FRONTIER PROVINCE.</b>																				
Peshawar .. ..	28.413	+.011	N. 12 W.	0.8	87.2	76.4	104.7	-1.9	112.3	78.4	+1.1	70.1	61	+18	1.4	0	-0.36	0	-1.0	0
Dera Ismail Khan .. ..	28.916	+.029	N. 63 E.	2.0	89.6	77.4	105.7	-2.1	113.0	82.4	+0.9	77.2	57	+3	0.7	0.92	+0.25	2	+0.7	0.58
<b>BALUCHISTAN.</b>																				
Fort Sandeman .. ..	25.187	+.017	N. 52 E.	2.9	78.0	65.5	99.3	-0.7	105.5	70.5	-1.6	59.8	51	+12	1.4	2.97	+2.16	3	+1.3	2.30
Harani (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2.09	+1.68	2	+1.0	1.10	
Quetta .. ..	24.431	-.017	S. 24 E.	2.5	73.1	62.3	94.6	+3.5	99.9	61.4	+2.9	47.0	55	+8	1.0	0.13	-0.02	0	-0.4	0.08
Chaman .. ..	25.404	-.053	S. 50 E.	6.8	84.7	64.7	101.0	+1.8	106.5	75.4	+3.9	64.1	32	-2	0.6	0	-0.02	0	0	0
Kalat .. ..	23.570	-.030	S. 12 E.	5.8	66.4	57.7	90.7	-0.1	96.9	56.6	+6.5	43.9	60	+19	0.8	2.05	+1.83	2	+1.5	1.27
Dalbandin (c) .. ..	26.786	-.039	S. 41 W.	4.9	86.2	66.2	110.1	+2.8	116.9	76.0	+3.1	64.5	33	+6	1.0	0	-0.02	0	-0.1	0
Pasni .. ..	29.507	-.015	S. 86 W.	7.6	82.7	78.6	93.9	-0.9	108.0	73.0	-5.2	65.9	33	0	0.3	0	-0.04	0	-0.1	0
Panjgur .. ..	26.444	-.020	N. 88 E.	5.6	78.5	67.3	103.7	+1.1	111.3	74.6	+0.4	63.1	56	+7	1.7	0.07	-0.11	0	-0.6	0.07

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (h) Mean of 24 days.

TABLE III, JUNE.

STATION.	PRESSURE.		WIND.		TEMPERATURE.							HUMIDITY.		Cloud	RAINFALL.					
	1	2	3	4	MEAN 8 h.		MAXIMUM.			MINIMUM.			13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Dry bulb.	Wet bulb.	Mean.	Departure from normal.	High-est in month.	Mean.	Departure from normal.	Low-est in month.	Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heat-fall in month.
<b>SIND.</b>																				
Jacobabad ..	29.276	+0.009	N. 87 E.	4.9	84.2	79.2	111.1	-3.0	118.5	86.6	+1.9	80.0	50	-7	0.4	0.30	+0.10	1	+0.0	0.30
Hyderabad ..	29.328	+0.001	S. 8 W.	7.7	87.3	79.2	104.0	-0.3	113.3	83.3	+1.4	78.8	69	+6	4.4	0	-0.45	0	-0.7	0
Karachi ..	29.566	-0.019	S. 63 W.	11.0	86.8	81.8	92.1	+1.4	95.4	82.6	+0.1	75.2	80	0	6.7	1.57	+0.71	3	+2.4	1.06
<b>RAJPUTANA, WEST.</b>																				
Bikaner ..	28.740	+0.006	S. 27 W.	7.0	88.1	76.8	104.3	-3.0	111.6	82.2	-3.1	75.9	59	+5	3.7	3.71	+2.26	8	+5.6	1.65
Jodhpur ..	28.761	-0.005	S. 42 W.	4.4	86.6	76.2	101.0	-2.8	108.5	81.4	-0.8	75.3	62	+5	5.4	2.08	+0.63	3	+0.0	0.82
<b>RAJPUTANA, EAST.</b>																				
Jaipur ..	28.142	+0.010	N. 34 W.	3.3	83.1	75.3	95.0	-8.6	104.6	77.3	-4.2	69.9	69	+6	5.3	3.97	+1.67		+5.2	0.96
Ajmer ..	27.956	-0.014	S. 56 W.	2.3	80.8	73.6	94.1	-6.5	101.4	78.4	-3.3	71.0	71	+10	3.1	1.86	-0.55	8	+5.5	0.41
Kotah ..	28.699	-0.008	S. 85 W.	1.4	86.6	77.1	97.8	-7.2	106.8	80.8	-4.7	74.2	64	+15	3.4	6.83	+3.89	11	+6.9	2.15
Udaipur (a) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6.04	+2.74		7	+2.4	1.65
<b>GUJARAT.</b>																				
Deesa ..	29.101	-0.027	S. 28 W.	9.7	84.1	77.7	98.0	-4.2	105.9	78.5	-2.0	71.6	74	+6	7.0	7.49	+5.31	5	+1.9	2.88
Bhuj ..	29.217	-0.023	S. 48 W.	10.1	85.7	78.0	95.9	-1.5	103.6	80.2	+1.3	75.1	70	-3	5.9	1.09	-0.70	2	-0.3	0.74
Dwarka ..	29.508	-0.057	S. 51 W.	12.8	84.5	80.5	88.1	-1.1	91.3	81.7	-0.4	74.8	83	+2	7.1	1.95	-0.19	4	+1.7	0.96
Rajkot ..	29.114	-0.057	S. 49 W.	10.1	82.5	77.3	93.6	-6.1	99.2	77.3	-0.5	73.2	78	+5	7.2	0.33	+2.02	11	+6.0	1.35
Veraval ..	29.568	-0.038	S. 63 W.	13.1	82.8	79.3	85.6	-0.5	88.1	81.2	0	77.3	85	0	6.2	13.14	+8.67	5	+0.7	4.88
Surat ..	29.560	-0.042	S. 11 W.	5.2	82.5	78.1	88.3	-4.8	93.2	77.8	-1.8	74.4	81	+3	8.1	17.10	+8.76	20	+12.0	2.56
Ahmadabad (c) ..	29.420	-0.030	S. 50 W.	(d) 4.7	83.0	76.9	95.3	-6.0	101.6	78.6	-2.3	75.3	75	+5	6.6	8.82	+4.49	11	+5.9	2.16
<b>CENTRAL INDIA, WEST.</b>																				
Neemuch ..	27.965	-0.015	W.	7.9	81.0	75.6	93.2	-5.2	102.1	75.7	-1.9	70.4	77	+9	6.8	7.09	+2.67	7	+2.0	2.36
Indore ..	27.781	-0.025	S. 88 W.	(d) 5.5	80.0	73.5	91.4	-3.9	96.3	74.1	-1.5	70.0	75	+3	7.0	6.40	+0.79	8	+0.5	2.12
<b>CENTRAL INDIA, EAST.</b>																				
Nowgong ..	28.788	+0.016	S. 80 W.	3.1	85.5	78.1	98.0	-4.3	106.0	79.8	-3.0	74.1	72	+15	3.9	3.63	-2.41	12	+5.9	0.93
Satna ..	28.492	+0.000	S. 60 W.	3.6	85.5	75.4	96.7	-3.6	104.3	79.6	-2.2	71.4	63	+7	4.9	5.44	-0.48	9	+2.6	2.50
<b>BERAR.</b>																				
Akola ..	28.681	-0.012	S. 85 W.	5.9	82.3	73.9	97.0	-1.8	103.2	77.2	-0.8	73.5	66	+1	6.2	5.13	-0.25	9	+1.0	1.55
Amraoti ..	28.401	+0.003	S. 61 W.	6.3	82.0	73.9	95.8	-2.0	103.2	77.0	-0.4	72.3	68	0	6.0	7.92	+1.40	8	-0.7	2.38
<b>CENTRAL PROVINCES, WEST.</b>																				
Khandwa ..	28.553	-0.015	S. 87 W.	7.5	82.3	74.9	96.1	-2.2	101.0	76.3	-2.5	71.3	70	+4	2.4	4.23	-1.19	7	0	1.49
Hoshangabad ..	28.596	+0.005	S. 62 W.	1.9	82.6	75.3	95.3	-4.1	101.7	77.5	-1.9	72.0	74	+8	5.1	6.93	+0.76	12	+3.8	1.35
Saugor ..	27.777	+0.010	S. 88 W.	5.3	81.1	73.8	93.9	-4.5	99.2	74.7	-3.4	68.2	71	+10	5.2	4.94	-1.53	10	+1.9	1.80
Jubbulpore ..	28.234	+0.004	S. 50 W.	2.3	82.5	74.8	94.3	-3.5	101.9	76.4	-2.5	70.9	70	+9	4.8	5.83	-1.49	12	+3.0	1.18
Seoni ..	27.585	+0.013	S. 76 W.	4.2	80.2	73.6	91.1	-3.7	102.5	74.3	-0.8	70.3	73	+9	5.1	6.08	-3.23	12	+0.5	1.20
Nagpur ..	28.588	+0.018	N. 83 W.	4.6	82.9	73.2	95.5	-3.4	104.2	77.5	-1.5	72.6	62	-2	5.8	0.33	+0.37	12	+1.7	1.90
<b>CENTRAL PROVINCES, EAST.</b>																				
Pendra ..	27.557	+0.019	W.	(d) 4.4	82.2	74.3	91.6	-1.8	98.9	(m) 77.6	+1.6	69.0	69	+4	6.1	14.05	+5.52	10	-2.2	7.45
Raipur ..	28.609	+0.017	S. 44 W.	3.7	83.3	74.3	95.2	-2.1	104.7	77.7	-1.1	71.6	66	0	5.7	10.78	+1.77	9	-0.8	2.81
Chanda ..	28.477	+0.009	S. 64 W.	5.6	83.6	75.4	96.5	-2.5	103.9	78.3	-1.4	73.2	68	+5	7.1	5.69	-1.97	11	+1.3	1.50
Jagdulpur ..	27.805	+0.001	S. 73 W.	7.1	79.1	74.8	88.7	-1.6	97.8	73.6	-0.5	70.2	82	+7	6.1	14.61	+5.10	12	+0.1	2.95
<b>KONKAN.</b>																				
Bombay ..	29.607	-0.036	S. 41 W.	8.9	81.7	78.0	86.8	-1.3	90.2	78.5	-1.3	75.2	84	+2	7.5	27.86	+9.55	20	+5.7	4.60
Ratnagiri ..	29.490	-0.012	S. 43 W.	8.0	80.6	76.9	85.2	-1.5	88.2	77.0	-0.3	72.2	84	+1	3.3	27.56	-1.26	19	-1.2	7.10
Marmagao ..	29.671	-0.002	(c) S. 60 W.	..	81.4	78.7	86.2	-0.4	90.3	77.4	-0.1	74.4	88	+1	7.6	32.38	+2.79	21	+0.5	4.22
Karwar ..	29.693	-0.008	S. 25 W.	4.4	80.2	77.6	85.8	+0.7	90.4	76.4	+0.2	73.0	80	+4	6.2	50.14	+13.11	24	+1.0	8.38
<b>BOMBAY DECCAN.</b>																				
Malegaon ..	28.195	-0.021	S. 52 W.	8.7	80.4	73.5	92.9	-3.1	100.1	73.9	-1.2	70.7	72	+4	6.7	5.89	+1.56	6	-0.8	3.60
Ahmadnagar ..	27.525	-0.018	S. 65 W.	8.3	77.9	70.6	89.8	-2.2	94.3	69.5	-2.4	66.8	69	-4	4.5	4.35	-0.47	6	-1.3	2.21
Poona ..	27.820	-0.027	S. 47 W.	6.7	78.0	71.0	87.6	-2.0	93.0	71.2	-1.4	67.9	70	-3	7.8	3.74	-1.03	9	+1.4	0.83
Sholapur ..	28.113	-0.003	S. 69 W.	7.2	79.9	71.2	94.3	+0.7	99.2	73.9	+0.3	71.5	65	-3	4.3	2.36	-2.32	4	-2.6	1.38
Bijapur ..	27.759	+0.001	S. 87 W.	9.3	77.3	70.7	91.8	+0.3	96.1	71.8	-0.2	69.3	72	-3	6.8	0.48	-2.80	2	-3.5	0.19
Belgaum ..	27.183	-0.015	S. 67 W.	5.3	71.6	69.4	81.1	-0.3	87.3	67.9	-0.3	65.0	89	+3	9.1	9.04	+0.90	14	+0.5	1.64
<b>HYDERABAD, NORTH.</b>																				
Aurangabad ..	27.766	-0.020	S. 66 W.	11.8	77.2	70.7	91.9	-2.2	97.7	72.1	-0.7	70.0	72	+2	6.9	3.22	-2.21	7	-0.5	1.25
Parbhani (a) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4.58	-4.21		7	-1.5	1.66
Nizamabad ..	28.397	-0.009	S. 55 W.	3.6	81.3	72.9	95.9	-1.2	100.9	76.8	-0.3	73.0	67	-1	2.9	3.13	-2.26	9	+0.7	0.98

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (m) Mean of 19 days.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.		RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.	
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.									
<b>HYDERABAD, SOUTH.</b>																					
Gulbarga .. ..	28.180	+0.005	S. 81 W.	11.9	78.6	71.2	96.2	+0.5	101.6	73.7	-0.4	64.8	69	-3	5.9	3.37	-1.32	7	-0.2	1.70	
Raichur .. ..	28.383	+0.004	W.	6.0	89.9	72.0	96.4	+1.2	101.1	75.7	+0.6	71.4	64	-5	3.4	0.58	-2.98	2	-4.0	0.40	
Hyderabad .. ..	27.962	+0.009	N. 88 W.	7.4	79.9	72.2	95.0	+0.5	101.2	76.1	0	70.5	69	-1	6.6	2.05	-2.54	6	-1.6	0.76	
Hanamkonda .. ..	28.766	+0.014	S. 87 W.	4.1	81.6	73.8	91.0	-3.3	102.2	78.4	-1.2	70.7	69	+9	6.9	9.95	+3.99	10	+2.0	3.05	
<b>MYSORE.</b>																					
Chitaldrug .. ..	27.353	+0.005	S. 76 W.	6.0	74.0	68.3	86.7	+0.3	92.2	69.9	-0.1	68.4	74	-4	9.0	0.60	-2.24	2	-3.8	0.17	
Bangalore .. ..	26.794	+0.004	S. 76 W.	9.1	72.0	67.2	80.0	+1.1	91.9	67.1	+0.2	64.9	77	-4	7.4	1.37	-1.52	4	-1.8	0.57	
Mysore .. ..	27.283	+0.002	S. 55 W.	4.9	72.9	68.7	85.6	+1.1	92.2	67.5	-0.6	63.0	81	+1	6.2	2.20	-0.73	9	+2.8	0.55	
<b>MALABAR.</b>																					
Mangalore .. ..	29.704	-0.007	S. 78 E.	5.2	79.1	76.5	86.3	+1.1	92.0	74.4	-0.1	71.2	83	+2	7.6	44.14	+7.36	23	-1.6	5.14	
Calicut .. ..	29.756	-0.009	N. 13 W.	3.9	79.4	76.6	86.5	+2.5	91.4	75.2	0	71.3	83	-2	6.0	33.28	-0.80	19	-5.1	4.95	
Cochin .. ..	29.809	-0.002	N. 85 E.	3.0	78.3	76.0	84.0	-1.8	88.4	75.0	+0.2	70.2	90	+4	8.2	27.53	-0.96	23	-1.2	3.02	
Trivandrum .. ..	29.599	-0.009	N. 21 W.	6.2	77.9	75.5	82.6	-0.5	86.0	75.4	-0.2	70.5	89	+2	8.2	7.72	-5.67	13	-3.9	1.34	
<b>MADRAS, SOUTH EAST.</b>																					
Tinnevely (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.64	+1.08	3	+1.6	0.97	
Pamban .. ..	29.695	-0.011	S. 40 W.	11.0	83.3	78.8	91.1	+1.0	94.2	80.5	+0.4	77.7	80	+2	3.8	0.05	-0.08	0	-0.4	0.05	
Madura .. ..	29.269	-0.020	N. 58 W.	5.7	81.2	73.0	97.0	-0.8	103.2	77.8	+0.4	75.0	96	+3	7.6	2.52	+1.15	4	+1.7	1.41	
Negapatam .. ..	29.696	+0.004	S. 80 W.	6.5	85.0	77.7	97.0	-0.7	102.6	80.0	+0.5	75.1	71	+5	5.5	0.78	-0.52	2	-0.3	0.49	
Trichinopoly .. ..	29.482	+0.004	S. 64 W.	6.3	85.1	75.1	98.5	-0.5	105.7	78.2	-0.4	74.2	61	-1	4.7	3.66	+2.25	4	+1.8	1.32	
Coimbatore .. ..	28.421	+0.009	S. 36 W.	6.0	78.3	74.0	87.9	-1.4	92.7	71.4	-0.4	67.1	82	+2	4.4	1.06	-0.60	3	-1.6	0.36	
Salem .. ..	28.833	+0.007	S. 49 W.	5.0	79.9	73.8	95.5	+0.3	102.6	75.1	+0.5	71.6	74	-1	5.0	4.38	+1.36	6	+0.7	1.51	
Cuddalore .. ..	29.682	+0.011	S. 59 W.	6.5	84.9	77.7	97.0	-1.7	103.1	79.3	-0.8	72.3	72	+5	5.7	1.33	-0.21	3	+0.3	0.58	
Madras .. ..	29.669	+0.002	S. 59 W.	5.4	86.6	75.8	99.4	+0.4	104.4	81.2	+0.1	77.5	60	-2	5.7	0.23	-1.66	1	-2.7	0.10	
<b>MADRAS DECCAN.</b>																					
Cuddapah .. ..	29.279	+0.010	N. 46 W.	..	85.7	74.6	99.5	-0.5	104.4	80.9	+0.5	75.3	58	-3	6.8	1.08	-1.85	3	-1.5	0.68	
Bellary .. ..	28.238	+0.003	S. 85 W.	8.1	81.4	71.3	95.6	+0.7	103.1	75.4	-0.5	71.9	59	-3	3.3	0.24	-1.63	2	-1.6	0.12	
Kurnool .. ..	28.767	-0.001	N. 59 W.	4.5	81.8	72.4	96.7	-0.3	101.2	77.9	+0.6	74.4	62	-6	6.6	2.06	-0.87	3	-2.6	0.92	
<b>MADRAS COAST, NORTH.</b>																					
Nellore .. ..	29.619	+0.021	N. 83 W.	2.9	87.5	75.3	99.5	-1.8	105.1	81.0	-1.0	74.8	56	-4	7.3	2.46	+1.18	4	+1.1	1.37	
Masulipatam .. ..	29.631	+0.003	S. 85 W. (c)	6.5	84.5	76.5	96.2	-1.9	104.3	79.4	-1.1	74.8	70	-6	6.9	5.22	+0.71	7	+0.7	2.07	
Cocanada .. ..	29.605	+0.008	S. 78 W.	5.6	83.6	78.2	94.4	-1.5	103.4	79.4	-1.5	73.7	78	+2	7.6	7.48	+2.67	10	+3.3	3.50	
Vizagapatam .. ..	29.564	+0.008	N. 87 W.	8.6	85.2	78.7	91.2	0	101.4	80.2	0	76.1	75	+1	9.0	1.93	-2.93	6	-0.8	0.41	
Calingapatam .. ..	29.569	+0.013	S. 68 W.	7.7	85.7	79.3	92.8	+0.1	101.2	79.9	-0.1	75.5	75	-4	5.8	2.35	-2.37	7	+0.3	0.67	
Gopalpur .. ..	29.516	+0.005	S. 31 W.	6.8	84.3	80.6	90.8	+1.2	99.0	80.4	0	74.2	85	+2	6.0	7.02	+1.20	8	+0.1	2.54	
<b>HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN.</b>																					
Maymyo .. ..	26.229	-0.023	S. 59 W.	2.3	76.8	68.8	77.5	-0.4	82.6	66.4	+0.2	58.8	90	+3	5.9	17.73	+8.91	19	+6.0	3.10	
Shillong .. ..	24.940	-0.003	S. 50 W.	1.9	89.2	64.8	74.7	+0.3	78.0	62.8	-0.2	58.4	79	-4	7.1	12.42	-3.95	19	-0.4	2.52	
Cherrapunji .. ..	25.504	+0.004	S. 15 W.	4.9	68.4	66.4	73.2	+1.1	78.6	64.4	+0.4	61.4	89	-5	8.1	53.12	-12.80	23	-1.7	8.73	
Darjiling .. ..	22.810	-0.010	N. 86 W.	2.7	60.8	59.1	66.9	+0.7	70.6	57.1	+0.6	54.5	91	-3	9.3	21.42	-2.84	21	+0.2	4.03	
Mukteswar .. ..	22.700	-0.006	S. 73 W.	5.0	60.1	56.7	67.7	-5.8	73.2	56.8	-0.6	50.3	83	+9	7.4	14.66	+7.53	15	+4.1	4.93	
Musaoree (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18.92	+6.01	..	16	+3.4	3.10	
Chakrata (e) .. ..	23.235	+0.012	N. 71 E.	6.8	63.7	61.0	70.6	-3.5	76.9	58.2	-1.8	52.8	87	+16	6.8	9.57	+1.45	12	+1.3	1.90	
Simla .. ..	22.967	-0.002	S. 6 W.	4.3	62.8	57.3	68.6	-4.5	73.8	58.6	-2.1	53.0	74	+10	6.8	6.62	-0.51	15	+5.1	1.37	
Dalhousie (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6.70	..	..	9	..	1.50	
Murree .. ..	23.825	-0.002	S. 34 E.	4.3	68.4	59.4	76.3	-5.1	82.5	61.7	-2.6	52.0	61	+10	2.8	5.14	+1.28	10	+4.4	1.08	
Cherat .. ..	25.504	+0.027	S. 21 E.	5.6	75.9	69.9	89.8	-3.7	97.8	70.6	-2.6	61.2	74	+32	3.0	1.18	-0.20	3	+0.8	0.76	
Parachinar .. ..	24.264	-0.002	S. 56 E.	1.0	78.9	65.9	87.2	-0.7	99.2	64.2	+0.4	54.9	57	+17	1.6	2.17	+0.04	5	+0.4	1.21	
Drosh .. ..	24.785	-0.078	E.	4.4	75.6	62.5	95.3	+3.1	105.1	71.6	+3.2	55.0	47	0	0.5	0.15	-0.49	1	-0.9	0.15	
Mount Abu .. ..	25.788	-0.024	S. 19 W.	6.2	70.8	67.8	79.5	-3.9	84.4	67.6	-0.9	64.4	87	+14	8.9	12.67	+7.45	12	+5.7	3.13	
Pachmarhi .. ..	26.210	+0.003	S. 82 W.	5.0	73.1	69.0	82.6	-3.8	89.6	70.0	-2.1	63.7	81	+10	6.0	10.06	+0.40	12	+1.3	3.10	
Mercara .. ..	26.083	-0.007	S. 87 W.	4.8	65.8	64.3	71.9	-0.4	78.6	62.4	-0.7	60.2	92	-2	10.0	29.03	+2.67	18	-5.7	4.35	
Kodakanal (c) .. ..	22.697	-0.016	S. 78 W.	8.1	67.9	54.7	65.2	-0.1	69.6	52.8	-0.8	50.1	82	+6	7.6	8.77	+4.71	16	+6.5	2.00	
<b>Ceylon.</b>																					
Colombo .. ..	29.776	-0.018	S. 50 W.	8.9	79.3	76.5	86.4	+0.3	89.1	77.2	-0.1	72.7	87	+2	8.1	12.17	+4.26	19	+5.7	2.47	

\* Aneroid.

(a) Reports only rainfall.

(c) Mean of 29 days.

(d) Mean of 20 days.

(e) Mean of 27 days.

(f) Mean of 26 days.

(n) Mean of 18 days.

# MONTHLY WEATHER REPORT

FOR

July 1925.

Supplement to the Indian Daily Weather Report for the 14th August 1925.

*Published by order of the Governor General in Council.*

*Summary.*—Until the 9th the Arabian Sea monsoon was weak in the Peninsula and more or less active over the rest of its field; a considerable strengthening of this current then occurred and was maintained during the rest of the month. The Bay current was weak and fitful during the first twelve days, being slightly more active in Burma than over the rest of its field: it subsequently strengthened materially and gave abundant rainfall.

2. At the beginning of the month the monsoon was active in Burma, the Central Provinces and the tract from the east Punjab to Assam, and a depression over west Bihar was causing heavy falls of rain in the extreme eastern districts of the United Provinces. This depression moved slowly westwards and disappeared in the neighbourhood of Cawnpore on the 3rd, producing further heavy rain locally in the United Provinces. During the next five days the monsoon was not only weak, but was confined mainly to Lower Burma and the belt of country from Orissa to the east and north Punjab, and the slight depression which formed at the head of the Bay on the 3rd and disappeared over Chota Nagpur on the 5th, exercised little influence on the weather beyond causing some heavy falls of rain in the central parts of the country. Later, both the currents strengthened markedly and remained more or less vigorous over most of the country during the rest of the month, monsoon conditions being re-established in the Peninsula. During this period there were two depressions. The first of these formed over the north of the Bay on the 8th, intensified during the next two days and, crossing the Orissa coast on the 11th and advancing in a westnorthwesterly direction, filled up in the neighbourhood of Jhansi on the 14th; it produced heavy rain in Orissa, and in parts of the Central Provinces and of Gujarat; several breaches were reported to have occurred on the railway lines on the Jhansi-Cawnpore Section of the G. I. P. Railway. The second depression appeared over deltaic Bengal on the 24th and disappeared over the north of the Central Provinces on the 29th; it did not, however, cause any great concentration of rain, except for a few heavy falls in the Central Provinces. The almost continuous heavy rain in the catchments of the Mahanadi and other rivers in Orissa in connection with these two depressions caused floods over the greater part of Cuttack and Puri districts, being aggravated in the latter district by the silting of the mouth of the Chilka Lake: there was extensive damage to the young paddy in the fields, but no loss of life. A feature of the weather of the month was the occurrence of continuous heavy rainfall for three days or more at some stations; Cox's Bazar recorded nearly 23" between the 15th and 19th, Chittagong 19" between the 17th and 19th, and Mercara 23" between the 12th and 17th, the falls in the neighbourhood of the last-named station giving rise to floods in the Cauvery.

3. The rainfall of the month was in moderate to large excess in Orissa, the United Provinces, the Punjab East and North, Central India East and the Central Provinces East, and in moderate to large defect in Sind, Gujarat and the greater part of the Peninsula. Averaged over the whole of India, the month's total was about 1" or 8 per cent in excess.

4. The outstanding feature of the temperature conditions of the month was the deficiency in the day temperatures brought about mostly by continued rainfall. Maximum temperature was below normal in Upper Burma between the 21st and 24th, in the United Provinces between the 22nd and 24th, in the Punjab East and North during the first four days and between the 21st and 31st, in the Punjab Southwest and the North-West Frontier Province in the beginning of the month and again between the 28th and 31st, in Rajputana West between the 18th and 24th, and in Rajputana East between the 17th and 27th, in Central India East during the first four days and between the 20th and 26th, and on the north Madras coast between the 24th and 28th; it was above normal in Kashmir between the 20th and 28th. The only region where night temperatures were affected was the Punjab Southwest, where minimum temperature was below normal during the first two and last four days of the month.

### Summary of the local conditions.

*Burma, including the Bay Islands.*—Rainfall was in moderate defect in the Bay Islands, in slight excess in Lower Burma and normal in Upper Burma. Other climatic elements were approximately normal.

*Northeast India, including Orissa.*—The total rainfall was normal in Bengal, in slight excess in Assam, Chota Nagpur and Bihar, and in moderate excess in Orissa. Cloud proportion was normal. Maximum temperature was lower than usual by  $3\frac{1}{2}^{\circ}$  in Orissa and  $2\frac{1}{2}^{\circ}$  in Chota Nagpur, and in the former area humidity was in appreciable excess.

*The United Provinces, Central India and the Central Provinces.*—Rainfall was in large defect in Berar and in moderate defect in Central India West; it was in large excess in the United Provinces East and Central India East, and in moderate excess over the rest of the division. There was markedly more cloud than usual in the United Provinces West and the Central Provinces East. Humidity was in marked excess in the United Provinces and Central India East, and in slight excess in the Central Provinces East. Maximum temperature was below normal by nearly  $5^{\circ}$  in the United Provinces West and Central India East, and by  $2^{\circ}$  to  $4^{\circ}$  elsewhere; the minimum was also lower than usual by  $2^{\circ}$  in the first two sub-divisions.

*Northwest India.*—The total rainfall of the month was less than half the average amount in Sind and Gujarat, and was also in slight defect in Kashmir and Rajputana West; it was in excess by 4" or 61 per cent in the Punjab East and North, and nearly normal in the remaining sub-divisions. Skies were more clouded than usual in the Punjab and Sind. Humidity was in excess in the Punjab, the North-West Frontier Province, Baluchistan and Rajputana East. Maximum temperature was below normal by more than  $5^{\circ}$  in the Punjab East and North and Rajputana East, and by  $2^{\circ}$  to  $3^{\circ}$  in the Punjab Southwest and the North-West Frontier Province, Rajputana West and Gujarat; the minimum was appreciably lower than the average in Rajputana East, but higher in Kashmir.

*Peninsula.*—Rainfall was normal in Hyderabad South, Malabar and the Madras Coast North, and in slight excess in the Madras Deccan; it was in slight to moderate defect elsewhere. Other climatic elements were roughly normal.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions; and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report; the divisional means, Tables I and II, are based on these observations.

SIMLA;

C. W. B. NORMAND,

*The 8th August 1925.*

for *Director General of Observatories.*

TABLE I, JULY.

Division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma .. ..	25·99	24·14	+1·85	+8	-1·4	-0·5	+1	+0·7
Assam .. ..	19·29	16·96	+2·33	+14	+0·5	+0·2	-1	+0·1
Bengal .. ..	17·42	17·30	+0·12	+1	-0·5	-0·1	-1	+0·1
Bihar and Orissa ..	16·11	13·18	+2·93	+22	-2·0	-0·6	+2	+0·3
United Provinces ..	17·78	12·13	+5·65	+47	-4·0	-1·6	+9	+1·8
Punjab .. ..	8·05	5·32	+2·73	+51	-4·9	-1·5	+12	+1·1
North-West Frontier Province	1·81	1·71	+0·10	+6	-2·5	+0·8	+6	+0·3
Sind .. ..	1·03	2·23	-1·20	-54	-1·5	+0·2	0	+0·9
Rajputana .. ..	6·29	6·34	-0·05	-1	-4·6	-1·8	+4	+0·6
Bombay .. ..	7·98	13·71	-5·73	-42	-0·8	-0·1	-1	+0·1
Central India .. ..	14·21	11·48	+2·73	+24	-3·7	-1·3	+5	+1·3
Central Provinces ..	16·13	13·29	+2·84	+21	-3·6	-0·9	+3	+1·1
Hyderabad .. ..	6·23	7·35	-1·12	-15	0	+0·1	-1	-0·2
Mysore .. ..	2·34	3·31	-0·97	-29	+0·2	-0·1	0	0
Madras .. ..	7·13	7·23	-0·10	-1	-0·3	0	0	+0·1
Mean of India .. ..	13·06	12·13	+0·93	+8	-2·1	-0·6	+3	+0·6

TABLE II, JULY.

Sub-division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
1. Bay Islands .. ..	9.54	15.25	-5.71	-37	-0.1	+0.6	-1	+0.0
2. Lower Burma .. ..	39.50	34.79	+4.71	+14	-1.3	-0.5	0	+0.8
3. Upper Burma .. ..	8.62	8.92	-0.30	-3	-1.5	-0.7	+2	+0.3
4. Assam .. ..	19.29	16.96	+2.33	+14	+0.5	+0.2	-1	+0.1
5. Bengal .. ..	17.42	17.30	+0.12	+1	-0.5	-0.1	-1	+0.1
6. Orissa .. ..	19.55	13.62	+5.93	+44	-3.6	-1.0	+6	+0.2
7. Chota Nagpur .. ..	14.45	13.10	+1.35	+10	-2.6	-0.8	+4	+0.3
8. Bihar .. ..	14.35	12.87	+1.48	+11	-0.8	-0.3	-1	+0.3
9. United Provinces, East ..	18.25	11.60	+6.65	+57	-3.3	-1.3	+7	+1.1
10. Do. do. West ..	17.37	12.58	+4.79	+38	-4.8	-2.0	+11	+2.7
11. Punjab, East and North ..	11.00	6.83	+4.17	+61	-5.9	-1.7	+14	+1.1
12. Do. Southwest ..	2.89	2.68	+0.21	+8	-3.0	-1.3	+9	+1.2
13. Kashmir .. ..	1.33	1.70	-0.37	-22	+1.0	+2.2	+1	-0.2
14. North-West Frontier Province	1.81	1.71	+0.10	+6	-2.5	+0.8	+6	+0.3
15. Baluchistan .. ..	1.02	0.96	+0.06	+6	+0.1	+0.9	+7	-0.1
16. Sind .. ..	1.03	2.23	-1.20	-54	-1.5	+0.2	0	+0.9
17. Rajputana, West .. ..	2.60	3.39	-0.79	-23	-3.2	-1.3	+3	+0.6
18. Do. East .. ..	8.13	7.81	+0.32	+4	-5.5	-2.1	+6	+0.7
19. Gujarat .. ..	3.92	9.59	-5.67	-59	-2.0	-0.4	0	+0.4
20. Central India, West ..	7.09	9.38	-2.29	-24	-2.8	-0.5	-1	+1.2
21. Do. do. East ..	21.32	13.58	+7.74	+57	-4.7	-2.0	+10	+1.4
22. Berar .. ..	4.57	9.01	-4.44	-49	-2.1	+0.3	0	+0.6
23. Central Provinces, West ..	17.46	14.07	+3.39	+24	-4.2	-1.2	+3	+1.1
24. Do. do. East ..	19.92	14.27	+5.65	+40	-3.5	-0.9	+5	+1.5
25. Konkan .. ..	19.24	31.63	-12.39	-39	+0.3	+0.7	-1	-1.1
26. Bombay, Deccan .. ..	5.21	6.55	-1.34	-20	-0.3	-0.1	-1	+0.5
27. Hyderabad, North ..	5.61	8.24	-2.63	-32	-0.7	+0.3	0	-0.7
28. Do. South .. ..	6.69	6.69	0	0	+0.4	0	-1	+0.1
29. Mysore .. ..	2.34	3.31	-0.97	-29	+0.2	-0.1	0	0
30. Malabar .. ..	24.22	24.40	-0.18	-1	+0.5	0	+1	-0.8
31. Madras, Southeast ..	1.51	2.07	-0.56	-27	0	+0.4	0	0
32. Do. Deccan .. ..	4.34	3.52	+0.82	+23	-0.1	+0.1	-1	-0.5
33. Do. Coast, North ..	5.56	5.37	+0.19	+4	-1.3	-0.6	0	+1.0

TABLE III, JULY.

STATION.	PRESSURE.		WIND.		TEMPERATURE.							HUMIDITY.		CLOUD.		RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
<b>DAY ISLANDS.</b>																				
Port Blair .. .. .	29.730	+0.039	S. 51 W.	6.9	80.9	77.3	85.3	-0.1	87.1	78.1	+0.6	72.6	85	-1	9.3	9.54	-5.71	14	-5.5	2.25
<b>LOWER BURMA.</b>																				
Mergul .. .. .	29.763	+0.040	S. 63 E.	3.7	77.8	75.8	83.4	-1.0	88.6	73.4	+0.4	69.7	92	-1	9.0	27.44	-4.01	21	-4.3	3.48
Favoy .. .. .	29.809	+0.040	S.	1.4	75.8	74.8	82.4	-0.9	87.5	74.1	-0.2	71.5	85	+2	9.5	47.25	-1.97	20	+2.2	5.20
Moulmein .. .. .	29.723	+0.048	S. 13 E.	2.8	75.8	74.3	81.0	-2.1	84.8	73.7	-0.6	70.5	93	0	9.9	52.67	+0.77	29	+1.5	7.80
Rangoon .. .. .	29.756	+0.050	S. 6 W.	4.0	78.0	76.3	84.4	-0.9	89.0	74.6	-1.2	71.4	92	0	9.8	28.80	+6.88	28	+2.9	2.70
Paasin .. .. .	29.728	+0.047	S. 29 W.	3.5	77.9	76.5	84.6	-0.6	88.8	75.5	-0.6	72.7	93	0	8.5	26.79	+2.24	29	+3.1	3.93
Diamond Island .. .	29.696	+0.030	S. 42 W.	0.0	80.5	77.9	83.9	-0.7	86.3	75.6	-0.6	72.3	88	+2	8.1	40.08	+14.61	28	+4.7	6.66
Toungoo .. .. .	29.563	+0.013	..	..	77.7	76.0	84.1	-2.8	92.5	74.3	-0.6	70.5	93	+2	8.9	13.54	-4.10	26	+1.6	1.57
Kjaukpyu .. .. .	29.664	+0.025	S. 43 E.	3.8	78.5	76.9	83.6	-1.4	88.3	75.8	-0.2	73.7	93	+2	9.2	61.37	+14.04	29	+2.4	4.70
Akyab .. .. .	29.641	+0.022	S. 20 E.	11.1	78.7	76.5	82.9	-1.7	85.3	75.7	-1.3	72.9	90	-4	9.6	58.68	+3.28	31	+3.4	5.58
<b>UPPER BURMA.</b>																				
Mibu .. .. .	29.519	+0.028	S. 21 E.	5.4	79.4	76.7	89.2	-1.7	94.5	76.6	-0.8	74.4	88	+5	8.1	4.43	-0.09	12	+2.8	0.89
Yanchin .. .. .	29.673	+0.041	..	..	77.9	74.7	88.7	-1.0	95.4	74.0	-0.9	69.8	86	+2	7.8	4.58	+0.67	11	+1.7	0.83
Mandalay .. .. .	29.418	+0.033	S. 23 E.	7.3	81.3	75.6	92.0	-2.7	98.2	77.0	-1.6	72.2	76	+1	5.8	1.79	-1.50	6	+0.3	0.75
Monywa .. .. .	29.402	+0.032	S. 41 E.	4.9	81.6	76.9	93.2	-1.2	100.2	77.9	-1.2	75.1	80	0	9.1	1.28	-1.46	5	+0.1	0.40
Lashio .. .. .	26.928	+0.022	S. 59 W.	2.9	71.8	69.5	80.8	-2.3	86.9	69.6	-0.4	64.1	89	+1	9.1	12.49	+0.49	22	+4.5	1.22
Ehano .. .. .	29.589	+0.031	Calm.	0.4	78.6	78.3	88.0	-0.2	84.3	74.7	-0.2	71.9	99	+6	8.7	17.58	+0.89	20	+0.3	2.72
Mjikyina .. .. .	29.181	+0.030	S.	3.0	77.1	75.7	85.6	-1.5	84.2	75.9	+0.4	72.8	94	+2	9.8	18.21	-0.96	20	-1.3	2.61
<b>ASSAM.</b>																				
Dibrugarh .. .. .	29.267	+0.124	N. 81 E.	0.5	78.2	76.7	86.8	+0.1	94.0	75.4	0	70.0	88	-1	7.7	22.12	+0.33	22	-0.1	2.92
Sibsagar .. .. .	29.297	+0.023	N. 72 E.	0.5	80.3	77.9	89.9	+0.7	95.5	77.4	-0.3	75.7	89	-3	9.7	19.56	+2.55	21	+1.5	2.73
Tezpur .. .. .	29.367	+0.130	N. 60 E.	1.5	80.6	78.5	90.4	+1.2	95.3	78.6	+1.0	75.4	90	-1	9.0	11.55	-2.88	13	-4.5	2.22
Gauhati .. .. .	29.417	+0.023	N. 45 E.	0.8	81.6	78.5	90.2	0	93.7	78.3	+0.3	76.3	87	-1	8.2	15.95	+4.21	16	+1.1	3.63
Jhubri .. .. .	29.479	+0.024	S. 66 E.	4.1	80.9	78.4	86.3	+0.4	90.3	78.0	+0.4	75.7	89	-2	6.2	13.48	-3.57	20	+3.9	1.98
Sikhar .. .. .	29.544	+0.032	S. 72 E.	1.2	80.5	78.4	90.5	+0.5	98.0	76.9	-0.3	74.2	91	+1	7.7	33.06	+13.32	27	+4.4	4.90
<b>BENGAL.</b>																				
Cox's Bazar .. .. .	29.599	+0.025	S. 28 E.	5.6	79.5	77.3	84.8	-0.8	87.9	75.6	-0.6	73.7	90	-1	8.0	43.78	+8.89	25	+2.9	7.19
Chittagong .. .. .	29.530	+0.014	S. 43 E.	5.8	79.3	76.8	86.0	+0.1	90.4	76.2	-0.4	74.4	89	0	7.1	40.68	+18.28	23	+4.4	8.30
Narayanganj .. .. .	29.560	+0.017	S. 36 E.	3.4	81.7	79.0	86.7	-1.5	90.8	78.4	-0.5	76.2	83	-1	8.7	10.84	-2.14	18	+0.8	2.50
Barisal .. .. .	29.562	+0.014	S. 41 E.	2.9	80.8	78.6	86.3	-1.1	89.8	78.3	-0.2	76.1	90	+1	6.9	19.06	+3.46	21	+0.6	3.85
Jessore .. .. .	29.530	+0.014	S. 39 E.	4.1	81.9	80.0	87.1	-2.0	90.4	79.3	+0.4	76.7	91	+3	8.8	5.35	-6.85	13	-4.3	0.98
Calcutta .. .. .	29.514	+0.003	S. 24 E.	4.2	81.0	78.8	87.7	-0.9	92.7	78.8	+0.1	76.3	90	+2	9.2	7.76	+5.25	22	+4.2	4.30
Saugor Island .. .	29.513	-0.005	S. 11 W.	15.1	82.3	79.0	86.1	-1.7	93.0	79.4	-0.9	75.8	86	-1	8.2	19.06	+4.41	19	+3.2	4.10
Burdwan .. .. .	29.425	-0.007	S. 65 E.	1.5	81.7	78.7	88.2	-1.9	93.6	78.7	-0.5	77.0	87	0	8.8	7.02	-5.55	14	-1.7	1.71
Terhampore .. .. .	29.480	+0.012	S. 57 E.	4.0	82.9	79.7	89.9	+0.3	94.6	78.5	-0.4	76.2	86	-4	7.9	11.41	+0.56	16	+0.1	3.82
Mynensingh .. .. .	29.537	+0.023	S. 45 E.	1.3	81.2	77.6	88.4	+0.9	93.1	78.6	+0.3	76.1	84	-6	9.5	7.59	-9.07	15	-4.8	1.64
Bogra .. .. .	29.506	+0.021	S. 81 E.	3.6	81.6	79.1	89.9	+1.0	92.5	78.6	+0.1	76.6	89	0	7.9	11.18	-1.86	14	-2.6	2.13
Pinjpur .. .. .	29.447	+0.022	S. 76 E.	3.5	82.0	79.2	88.8	-0.5	93.2	79.6	+0.9	77.4	88	-2	7.0	15.67	+0.47	16	-1.1	1.90
Jalalpur .. .. .	29.322	+0.025	S. 69 E.	1.3	81.0	78.9	89.5	+1.0	92.6	77.2	+0.1	74.3	91	-1	7.7	36.00	-14.32	24	+2.1	2.50
<b>ORISSA.</b>																				
Balasore .. .. .	29.455	-0.011	S. 47 W.	4.6	81.0	78.3	87.0	-2.4	92.1	77.8	-0.6	73.3	88	+2	8.5	8.11	-2.79	15	+0.9	1.26
Hektila (False Point)	29.518	+0.002	S. 30 W.	13.5	..	..	..	..	..	..	..	..	..	..	7.6	19.31	+7.47	23	+8.5	4.15
Cuttack .. .. .	29.474	+0.009	S. 62 W.	3.4	80.1	78.4	85.9	-4.1	91.4	77.3	-1.3	74.1	92	+9	8.1	20.15	+8.44	18	+2.5	3.56
Samalpur .. .. .	29.654	-0.007	S. 62 W.	4.6	77.9	76.2	83.4	-4.3	88.0	76.2	-1.1	73.8	92	+7	6.9	30.63	+10.61	25	+5.6	5.39
<b>CHOTA NAGPUR.</b>																				
Chaibasa .. .. .	28.778	-0.005	S. 42 W.	3.1	80.2	77.2	87.1	-3.3	92.3	77.0	-0.5	73.3	87	+5	8.9	14.02	+2.53	18	+2.6	2.16
Janchi .. .. .	27.426	+0.010	N. 80 W.	3.6	76.1	73.7	82.7	-1.9	86.7	72.4	-1.1	69.9	90	+3	7.4	13.98	-0.79	22	+4.5	1.75
Mazariabagh (a) .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14.74	+2.30	20	+2.6	1.70	

(a) Reports only rainfall. (b) Mean of 30 days.

TABLE III, JULY.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Cloud.	RAINFALL.					
	1	2	3	4	5		6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.	
BIHAR.																					
Purnea ..	29.427	+0.11	S. 74 E.	1.9	82.3	79.5	89.3	-0.4	94.8	78.1	-0.7	75.2	88	-2	6.1	15.60	+1.33	15	-1.8	2.09	
Darrnanga ..	29.378	+0.17	N. 88 E.	2.5	83.2	79.1	81.5	+2.0	18.4	79.1	-0.4	75.1	83	-4	7.6	10.09	-1.56	13	-1.2	2.83	
Fatna ..	29.340	+0.14	S. 88 E.	4.8	83.1	79.7	89.0	-0.9	18.7	79.7	-0.1	76.7	86	0	8.3	10.72	-1.22	17	+3.1	1.66	
Gaya ..	29.140	+0.11	S. 28 E.	3.4	81.7	78.5	88.9	-3.1	96.7	78.6	-0.4	74.7	86	+4	7.5	13.24	+0.24	21	+5.8	1.39	
Nava Durga ..	29.040	+0.05	S. 62 E.	2.5	81.6	78.2	88.1	-1.4	92.2	77.8	-0.1	75.0	85	-1	8.2	22.12	+8.61	22	+4.1	3.69	
UNITED PROVINCES, EAST.																					
Gorakhpur ..	29.282	+0.27	E.	(c)	82.0	79.0	89.5	-1.5	95.3	78.2	-0.8	75.5	87	0	5.6	13.20	-0.23	18	+3.8	2.86	
Benares ..	29.264	+0.14	N. 40 E.	2.4	82.0	79.5	87.2	-3.0	94.5	78.8	-0.9	75.0	89	+7	9.1	14.53	+2.99	18	+4.1	3.43	
Allahabad ..	29.198	+0.08	S. 41 W.	4.5	81.3	79.2	88.4	-4.4	95.0	78.2	-1.6	75.0	91	+11	9.1	30.79	+19.08	25	+11.3	7.14	
Cawnpore ..	29.103	+0.26	N. 33 E.	1.8	80.7	78.3	87.7	-6.1	92.6	78.0	-2.3	75.9	90	+10	7.5	13.54	+2.99	21	+8.7	3.01	
Lucknow ..	29.120	-0.13	S. 73 E.	1.3	81.1	79.3	89.5	-2.9	94.9	78.1	-1.4	75.1	92	+10	9.1	24.90	+13.45	19	+5.9	6.18	
Bahroch ..	29.112	+0.16	S. 84 E.	1.9	81.7	78.6	90.1	-2.0	94.1	78.5	-0.5	75.7	87	+4	5.6	12.51	+1.61	16	+4.0	2.21	
UNITED PROVINCES, WEST.																					
Jhansi ..	28.702	+0.09	N. 83 W.	3.3	79.0	76.5	87.3	-5.2	92.9	75.9	-3.5	72.5	89	+11	9.2	16.49	+4.92	23	+9.6	2.80	
Agra ..	28.958	+0.19	S. 76 W.	4.8	81.3	78.4	88.6	-6.4	93.9	77.7	-2.5	73.0	88	+18	8.9	19.65	+10.53	21	+9.6	3.49	
Mainpuri ..	29.000	+0.24	S. 66 E.	0.5	81.6	79.2	89.0	-6.2	98.6	78.4	-2.2	76.1	90	+12	9.3	6.77	-0.53	15	+6.0	0.83	
Bareilly ..	28.968	+0.38	S. 83 E.	0.8	81.9	79.4	89.4	-2.9	93.9	77.8	-1.1	74.1	89	+5	8.9	14.24	+0.85	19	+6.5	1.68	
Meerut (a) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14.53	+5.44	21	+11.1	2.36	
Roorkee ..	28.639	+0.32	S. 57 E.	2.3	80.4	77.5	89.1	-3.1	96.3	77.3	-0.8	74.1	88	+8	7.9	15.17	+4.17	17	+5.1	2.21	
Dhara Dun (d) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32.77	+8.18	30	+10.1	4.32	
PUNJAB, EAST AND NORTH.																					
Delhi ..	28.820	+0.42	S. 81 E.	2.7	82.1	78.8	89.3	-5.6	96.0	79.2	-1.9	75.3	86	+12	7.8	10.10	+2.57	17	+8.1	2.29	
Hissar ..	28.775	+0.23	S. 1 E.	4.3	82.9	78.5	93.3	-7.3	102.6	78.6	-3.3	74.6	82	+16	3.9	4.19	+0.43	19	+4.7	1.15	
Amritsar ..	28.629	+0.25	S. 67 E.	2.5	80.8	78.2	90.1	-5.3	97.6	77.9	-1.2	75.1	89	+10	7.8	15.19	+7.84	18	+8.3	4.50	
Judhiana ..	28.704	+0.29	S. 75 E.	2.0	81.3	78.4	92.2	-5.1	101.2	78.5	-2.0	75.4	88	+16	7.5	16.11	+7.91	16	+7.7	5.11	
Lahore ..	28.791	+0.26	S. 66 E.	2.2	84.4	79.7	95.3	-5.3	104.0	80.3	-0.4	72.3	81	+12	4.6	6.47	+0.99	7	+1.2	2.04	
Sheikot ..	28.671	+0.22	N. 79 E.	1.6	82.2	79.0	91.7	-6.0	97.5	78.1	-1.8	73.5	86	+14	5.4	9.89	+2.03	16	+7.6	1.68	
Rawalpindi ..	27.855	+0.19	S. 53 E.	1.9	82.3	78.5	90.9	-7.0	102.3	75.7	-1.1	66.9	85	+17	4.0	15.02	+7.36	16	+7.3	3.70	
PUNJAB, SOUTH-WEST.																					
Khushab ..	28.890	+0.38	N. 73 E.	7.7	86.7	80.6	99.7	-2.9	108.7	81.1	-1.4	75.4	76	+13	3.6	0.87	-2.77	1	-3.4	0.80	
Lyallpur ..	28.870	+0.27	S. 43 E.	3.1	85.8	78.9	99.1	-3.1	105.8	81.1	-1.2	74.5	73	+10	5.7	6.09	+3.24	6	+2.3	2.91	
Montgomery ..	28.916	+0.25	S. 27 E.	3.4	87.9	79.2	98.2	-5.7	104.7	82.1	-1.8	74.4	68	+19	3.3	4.20	+1.98	5	+1.9	1.91	
Multan ..	29.032	+0.25	S. 3 E.	2.2	89.0	80.6	104.0	-0.3	110.0	83.9	-0.6	77.6	69	+5	3.1	0.42	-1.80	2	-0.2	0.30	
KASHMIR.																					
Erinagar ..	24.627	-0.10	S. 45 E.	1.9	75.0	68.5	87.5	+1.8	95.5	67.2	+2.8	60.9	73	-8	4.3	1.73	-0.54	6	+1.0	0.46	
Gulnarg ..	21.748	+0.18	N. 35 E.	2.1	64.9	60.3	70.5	+0.5	79.0	53.3	+2.6	44.8	79	+4	5.5	3.86	-0.54	9	+0.2	0.70	
Fonamarg (a) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2.88	-0.79	10	+0.9	0.52	
Irna ..	20.673	-0.01	S. 45 W.	6.2	62.8	54.9	78.0	-1.5	85.9	51.3	+3.1	44.8	63	+3	3.0	0.31	-0.28	2	+0.6	0.17	
Ich ..	19.621	+0.04	S. 24 W.	2.6	59.2	51.1	77.0	+0.1	86.2	51.8	+1.7	45.6	61	+7	4.1	0.57	+0.11	1	-0.2	0.34	
Skardu ..	22.622	-0.29	S.	3.5	72.6	58.0	91.3	+4.5	100.8	63.0	+1.3	50.3	43	-4	3.1	0.26	-0.20	1	0	0.11	
Gilgit ..	24.823	-0.23	S. 45 W.	0.8	81.7	69.5	97.4	+0.7	103.2	73.7	+1.9	67.2	54	+7	2.4	0.15	-0.33	0	-1.6	0.07	
NORTH-WEST FRONTIER PROVINCE.																					
Iskhanwar ..	28.403	+0.31	N. 24 W.	1.3	85.5	78.4	100.1	-3.6	108.8	80.6	+1.0	74.5	73	+12	3.8	2.89	+1.65	4	+2.0	2.28	
Dera Ismail Khan ..	28.902	+0.37	N. 50 E.	2.2	89.0	80.9	102.0	-1.3	108.1	83.3	+0.6	77.2	69	0	5.9	0.74	-1.44	3	+0.3	0.32	
BALUCHISTAN.																					
Fort Sandeman ..	25.154	+0.24	N. 38 E.	2.8	79.1	71.4	99.8	-0.3	106.1	74.9	+0.2	64.8	69	+12	2.9	1.86	-0.20	4	+0.4	0.90	
Harat (a) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2.70	-0.79	3	-1.9	1.18	
Quetta ..	24.404	+0.12	S. 15 E.	2.9	74.7	65.5	95.7	+2.3	100.8	64.8	+0.2	54.0	62	+6	1.2	0.88	-0.25	1	-0.3	0.32	
Chaman ..	25.373	-0.17	S. 4 W.	6.8	85.0	65.5	103.1	+2.0	108.2	77.6	+2.5	71.7	34	-3	1.3	0.62	-0.07	0	-0.2	0.02	
Kalat ..	23.541	-0.302	S. 21 E.	6.0	68.5	61.9	92.1	-0.8	97.5	62.8	+7.0	52.7	70	+23	2.5	0.54	-0.05	2	+0.7	0.34	
Da bandin ..	26.744	-0.10	S. 65 W.	4.9	86.7	66.5	110.8	+1.5	117.7	78.8	+2.9	69.3	32	+3	3.3	1.03	+0.96	1	+0.8	1.00	
Pasni ..	29.513	+0.08	S. 87 W.	5.5	80.1	74.1	89.4	-2.5	98.2	72.0	-5.3	64.7	88	+3	0	0.06	-0.05	0	-0.4	0.06	
Panigur ..	20.424	+0.14	S. 58 W.	6.6	77.6	71.0	102.1	-1.4	111.1	74.7	-1.4	65.2	72	+6	2.4	1.60	+0.90	3	+2.2	0.92	

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (g) Mean of 25 days. (i) Mean of 23 days. (l) Mean of 20 days.

TABLE III, JULY.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Cloud	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
<b>SIND.</b>																				
Jacobabad .. ..	29.264	+0.026	S. 74 E.	4.2	89.8	80.3	105.4	-3.3	112.8	84.5	-0.3	76.8	65	-1	1.4	1.91	+1.02	5	+3.7	0.50
Hyderabad .. ..	29.350	+0.029	S. 22 W.	9.5	84.9	77.2	98.5	-0.7	109.0	82.1	+1.0	80.1	69	+1	6.6	0.18	-2.67	1	-2.0	0.1
Karachi .. ..	29.524	+0.030	S. 74 W.	14.6	83.3	79.3	87.9	-0.5	90.4	80.9	0	78.6	83	0	8.6	1.01	-1.03	1	-1.4	0.91
<b>RAJPUTANA, WEST.</b>																				
Bikaner .. ..	28.733	+0.021	S. 38 W.	7.5	85.8	76.9	99.0	-2.4	107.0	81.4	-1.5	72.9	66	+1	3.7	2.32	-0.78	5	+0.3	1.1
Jodhpur .. ..	28.761	+0.024	S. 43 W.	5.4	82.2	75.6	83.5	-4.0	100.2	79.2	-1.1	75.8	73	+4	7.8	2.88	-0.81	5	+0.2	1.40
<b>RAJPUTANA, EAST.</b>																				
Jaisalmer .. ..	28.133	+0.026	S. 89 W.	3.7	80.6	75.2	89.1	-5.6	98.5	76.9	-1.7	73.4	78	+4	7.8	5.25	-2.77	9	-1.3	1.13
Ajmer .. ..	27.954	+0.018	S. 70 W.	1.8	77.3	73.1	87.0	-4.8	95.0	76.1	-2.1	71.6	81	+4	6.3	5.42	-1.04	12	+3.2	0.89
Kotah .. ..	28.707	+0.023	S. 83 W.	2.1	81.3	76.1	88.6	-6.1	100.6	78.1	-2.4	72.0	70	+9	6.0	12.34	+2.84	13	+2.5	2.70
Udaipur (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9.53	+2.28	6	-3.4	3.62	
<b>GUJARAT.</b>																				
Deesa .. ..	29.122	+0.032	S. 51 W.	10.5	79.8	76.1	89.2	-3.9	94.0	76.4	-1.7	73.8	84	+4	9.5	3.84	-5.16	7	-3.1	1.52
Bhuj .. ..	29.144	+0.037	S. 55 W.	12.6	81.9	76.1	89.1	-1.8	95.6	77.9	-3.3	74.7	76	-4	7.4	1.61	-4.82	2	-4.2	1.18
Dwarka .. ..	29.560	+0.028	S. 59 W.	17.9	81.8	78.2	85.0	-1.9	87.6	80.2	-0.5	75.8	85	+2	9.7	5.18	-0.85	5	-0.7	2.42
Rajkot .. ..	29.111	+0.020	S. 51 W.	14.7	80.4	75.8	90.0	-1.3	94.7	76.5	+0.4	74.5	80	-2	8.4	1.55	-0.35	7	-3.5	0.35
Veraval .. ..	29.634	+0.051	S. 71 W.	17.0	80.9	78.1	83.3	-0.5	85.4	80.0	+0.3	77.3	88	0	8.9	1.51	-5.34	2	-7.2	0.58
Surat .. ..	29.619	+0.045	S. 39 W. (e)	6.8	82.0	77.0	86.4	-1.1	88.7	78.2	+0.5	75.6	79	-6	9.1	2.58	-14.12	10	-5.7	0.40
Ahmadabad .. ..	29.460	+0.039	S. 70 W. (e)	4.2	80.1	76.3	89.9	-3.2	96.2	76.9	-1.6	74.1	84	+3	7.2	11.17	-0.06	11	-0.9	7.75
<b>CENTRAL INDIA, WEST.</b>																				
Neemuch .. ..	27.978	+0.031	S. 89 W.	10.0	77.0	73.1	84.1	-4.0	92.7	73.9	-0.6	69.8	83	0	8.9	10.05	+1.16	8	-2.4	4.02
Indore .. ..	27.901	+0.022	N. 86 W.	8.8	75.1	71.5	83.7	-1.6	89.9	72.3	-0.5	69.5	88	-2	9.6	4.14	-5.73	9	-3.6	1.10
<b>CENTRAL INDIA, EAST.</b>																				
Nowgong .. ..	28.781	+0.022	S. 86 W.	2.5	78.7	76.9	86.0	-4.7	83.4	76.6	-2.1	73.2	92	+11	9.4	20.04	+6.57	21	+7.3	2.85
Batna .. ..	28.481	+0.014	S. 69 W.	3.6	77.7	75.7	83.8	-4.7	88.0	75.7	-1.9	72.8	91	+9	9.1	22.00	+8.91	23	+8.0	3.52
<b>BERAR.</b>																				
Akola .. ..	28.705	+0.024	N. 84 W.	7.2	78.1	73.2	88.1	-1.3	95.3	74.9	+0.3	71.8	78	0	8.2	4.11	-5.16	10	-2.0	0.72
Amraoti .. ..	28.418	+0.031	S. 62 W.	7.9	76.7	72.8	85.0	-2.9	93.0	74.1	+0.2	71.9	83	0	8.9	5.03	-3.73	13	+0.9	0.82
<b>CENTRAL PROVINCES, WEST.</b>																				
Bhandwa .. ..	28.576	+0.027	W.	9.4	78.0	73.6	86.0	-2.1	83.2	74.5	-1.0	72.0	81	+1	6.8	7.63	-0.98	10	-1.0	3.04
Moshangabad .. ..	28.596	+0.028	S. 58 W.	2.1	76.6	74.6	83.1	-4.7	89.5	74.1	-1.2	71.4	91	+5	8.9	17.28	+2.09	17	+1.3	6.40
Saugor .. ..	27.702	+0.015	N. 89 W.	6.8	74.4	72.8	80.8	-5.3	85.8	71.9	-2.1	70.0	93	+9	9.4	22.92	+8.98	24	+8.6	5.10
Subulpore .. ..	28.217	+0.061	S. 84 W.	2.7	75.6	73.8	81.5	-5.2	86.3	73.3	-1.7	71.1	91	+6	9.9	28.48	+10.86	26	+8.8	4.95
Seoni .. ..	27.566	+0.010	S. 82 W.	5.0	74.6	72.3	80.0	-4.3	84.6	71.6	-0.7	69.4	89	+4	9.7	13.37	-1.86	17	-0.7	3.23
Nagpur .. ..	28.564	+0.032	N. 74 W.	3.5	77.5	72.4	84.3	-3.8	92.3	74.6	-0.7	72.1	78	-4	8.5	15.10	+1.26	20	+3.8	4.65
<b>CENTRAL PROVINCES, EAST.</b>																				
Pendra .. ..	27.523	-0.002	N. 80 W.	4.4	75.6	73.7	81.5	-3.3	86.9	..	..	..	91	+7	8.3	23.40	+10.42	26	+9.2	3.70
Rajpur .. ..	28.597	+0.009	S. 34 W.	4.6	76.2	74.1	82.5	-4.4	88.2	73.7	-1.3	71.2	90	+4	7.7	22.22	+7.78	22	+6.6	5.09
Chanda .. ..	28.995	+0.026	S. 67 W.	6.3	78.6	74.1	85.9	-2.9	96.3	75.6	-0.2	73.2	81	+2	9.3	12.77	-3.33	18	+1.6	1.86
Jagdajpur .. ..	27.818	+0.008	S. 81 W.	7.9	74.5	72.3	80.7	-3.2	87.0	70.9	-1.1	67.2	90	+6	9.4	21.39	+7.75	23	+5.6	2.95
<b>KONKAN.</b>																				
Bombay .. ..	29.674	+0.042	S. 70 W.	9.4	80.9	77.3	85.8	+1.0	88.0	78.6	+0.7	76.8	84	-2	8.1	8.38	-15.88	16	-5.3	1.48
Ratnagiri .. ..	29.548	+0.043	S. 81 W.	9.9	79.4	76.0	83.6	-0.3	85.8	76.7	+0.7	75.0	85	-2	5.3	16.28	-16.70	22	-3.3	2.80
Marmagao .. ..	29.732	+0.051	S. 51 W. (i)	7.7	79.6	77.3	83.8	0	86.7	76.7	+0.7	74.1	90	0	8.8	20.68	-10.55	24	-1.5	3.43
Kerwar .. ..	29.758	+0.046	S. 20 W.	3.7	79.2	76.1	83.5	+0.5	87.0	75.8	+0.6	73.0	86	-1	6.9	31.62	-6.44	26	-1.0	3.79
<b>BOMBAY DECCAN.</b>																				
Malegao .. ..	28.232	+0.036	S. 61 W.	10.6	78.3	72.4	88.6	+0.3	93.9	73.6	+0.1	69.0	75	-1	7.7	1.41	-3.39	4	-3.8	0.39
Ahmadnagar .. ..	27.561	+0.035	N. 86 W.	8.9	75.1	70.2	83.6	-2.0	89.4	69.1	-1.4	64.3	78	-1	7.2	1.15	-2.63	2	-4.7	0.55
Peona .. ..	27.869	+0.038	S. 60 W.	8.0	74.6	70.6	81.8	-1.3	85.8	70.3	-0.7	68.5	82	0	8.7	3.01	-4.00	9	-3.3	0.39
Sholapur .. ..	28.153	+0.046	S. 58 W.	8.5	77.5	71.1	89.5	+1.5	95.0	72.4	+0.4	70.5	72	-3	6.0	2.74	-1.58	7	-0.7	0.79
Eljapur .. ..	27.798	+0.044	S. 89 W.	10.6	75.2	70.4	86.9	+0.1	93.1	71.1	+0.3	70.2	79	0	7.5	0.21	-2.06	0	-4.5	0.08
Belgaum .. ..	27.231	+0.038	S. 72 W.	5.8	69.9	68.8	75.6	-0.5	80.1	67.6	+0.4	66.0	94	+1	10.0	22.71	+6.56	22	+0.4	5.61
<b>HYDRABAD, NORTH.</b>																				
Aurangabad .. ..	27.787	+0.021	S. 83 W.	14.7	74.2	70.4	86.2	-0.5	93.9	70.9	+0.2	69.0	83	+2	9.9	3.14	-3.34	9	-2.0	1.35
Farbhanli (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3.33	-4.44	7	-3.4	1.33	
Nizamabad .. ..	28.420	+0.028	S. 71 W.	3.4	77.2	71.9	87.9	-0.8	95.5	74.2	+0.3	70.3	77	-2	4.1	10.56	-0.12	17	+3.0	1.52

(a) Reports only rainfall.

(e) Mean of 29 days. (i) Mean of 23 days.

TABLE III, JULY.

STATION.	PRESSURE.		WIND.		TEMPERATURE.							HUMIDITY.		CLOUD.	RAINFALL.					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Excess fall in month.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	High-est in month.	Mean.	Departure from normal.	Low-est in month.								
<b>HYDRABAD, SOUTH.</b>																				
Gulbarga .. ..	28·213	+·035	S. 74 W.	14·3	70·0	70·7	90·6	+1·0	95·4	72·6	+0·7	70·7	77	-3	7·9	3·33	-2·85	4	-6·0	1·2
Raichur .. ..	28·421	+·042	S. 68 W.	5·7	77·6	71·4	91·5	+1·2	97·1	73·5	+0·4	71·3	73	-3	4·7	4·14	-0·94	11	+1·7	0·9
Hyderabad .. ..	27·990	+·041	W.	8·4	76·4	71·1	88·2	+0·6	95·7	73·3	0	70·4	77	-2	8·1	3·80	-2·69	9	-1·4	0·9
Hanamkonda .. .	28·799	+·044	N. 89 W.	4·6	78·4	73·3	87·9	-1·3	95·3	75·2	-1·0	70·8	78	+5	8·6	15·48	+6·49	21	+8·7	4·3
<b>MYSORE.</b>																				
Chitaldrug .. .	27·391	+·041	S. 76 W.	4·8	71·8	67·8	82·3	-0·1	88·8	69·1	+0·5	67·9	81	-2	9·9	1·21	-1·90	6	-2·4	0·2
Bangalore .. ..	26·828	+·036	S. 75 W.	9·5	69·8	66·5	82·7	+0·5	89·9	65·7	-0·3	63·8	84	0	8·6	3·51	-0·67	6	-2·4	1·5
Mysore .. .. .	27·324	+·037	S. 62 W.	5·7	71·7	68·0	82·5	+0·1	88·5	66·7	-0·4	64·6	82	+1	7·1	2·31	-0·32	7	+0·4	0·3
<b>MALABAR.</b>																				
Mangalore .. ..	29·769	+·035	N. 72 W.	5·5	78·6	76·1	84·5	+0·5	89·3	74·4	+0·3	70·3	89	0	7·9	42·64	+5·53	23	-4·2	6·6
Calicut .. .. .	29·808	+·027	N. 22 W.	3·5	77·5	75·6	84·4	+2·3	88·8	74·0	-0·1	71·1	91	-1	7·9	38·19	+7·95	24	-2·2	4·9
Cochin .. .. .	29·853	+·034	N. 15 W.	3·3	78·1	75·4	83·1	-··8	85·6	74·5	+0·3	70·8	88	+1	7·2	11·51	-11·33	22	-2·0	1·54
Trivandrum .. .	29·649	+·029	N. 27 W.	7·4	76·8	74·9	82·2	0	84·6	74·3	-0·5	70·1	91	+4	7·7	4·54	-2·87	9	-4·8	1·43
<b>MADRAS, SOUTH EAST.</b>																				
Tinnevely (a) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-0·38	0	-0·6	(	
Pamban .. .. .	29·747	+·030	S. 35 W.	5·0	82·3	77·5	88·4	-1·0	90·0	79·2	0	78·0	80	+3	3·9	0·10	-0·47	1	+0·3	0·1
Madura .. .. .	29·320	+·020	N. 66 W.	5·7	81·0	72·0	97·5	+0·8	103·4	77·5	+0·8	70·0	63	-1	7·4	3·29	+1·37	1	-1·6	3·2
Negapatam .. .	29·746	+·040	S. 82 W.	6·4	82·3	75·6	96·3	+0·4	100·6	79·4	+0·9	75·6	68	-1	5·5	0·26	-1·63	0	-3·3	0·6
Tritchunopoly ..	29·531	+·039	S. 73 W.	7·7	84·6	73·7	98·0	+0·7	102·1	78·0	+0·1	71·8	58	-4	5·3	1·48	-0·09	2	-0·4	0·74
Comtatore .. ..	28·466	+·045	S. 43 W.	6·3	76·9	74·1	84·7	-2·8	83·7	70·5	-0·4	68·3	88	+7	4·5	1·97	+0·51	5	+0·7	0·6
Falem .. .. .	28·881	+·046	S. 34 W.	5·2	78·2	73·5	84·2	+1·0	99·7	74·3	+0·9	71·4	79	+1	6·5	0·35	-3·47	1	-6·2	0·31
Cuddalore .. ..	29·733	+·047	S. 60 W.	6·1	84·0	76·7	96·5	+0·8	102·7	78·7	+0·4	72·2	71	-2	6·2	2·31	-0·80	4	-1·5	1·0
Madras .. .. .	29·722	+·038	S. 58 W.	5·1	84·3	75·2	96·3	+0·4	103·6	79·2	+0·3	72·1	65	-5	7·0	3·82	-0·12	6	-1·0	1·5
<b>MADRAS DECCAN.</b>																				
Cuddapah .. ..	29·325	+·047	N. 57 W.	..	82·2	74·0	95·3	-0·6	104·3	78·4	+0·4	78·0	67	0	8·7	8·22	+4·30	7	+0·3	3·8
Bellary .. .. .	28·277	+·041	S. 77 W.	9·1	80·0	70·8	91·7	+0·5	96·7	75·0	+0·1	73·1	63	-3	3·4	0·16	-1·69	1	-2·9	9·1
Kurnool .. .. .	28·804	+·035	S. 73 W.	4·9	78·2	72·2	91·5	-0·3	97·0	74·9	-0·1	71·3	74	-1	9·2	4·65	-0·15	11	+1·5	1·1
<b>MADRAS COAST, NORTH.</b>																				
Nellore .. .. .	29·664	+·052	N. 85 W.	3·6	84·2	74·8	96·9	-0·2	102·6	80·4	+0·6	72·0	64	-2	8·3	1·57	-1·18	3	-2·5	0·7
Masulipatam ..	29·672	+·028	S. 88 W.	7·4	81·7	75·7	91·5	-1·2	99·0	77·7	-0·5	72·6	76	-4	8·3	5·87	-0·57	11	+1·0	1·4
Cocanada .. ..	29·634	+·033	S. 83 W.	6·7	80·1	75·8	88·4	-2·4	96·4	77·8	-1·0	73·7	81	0	8·6	12·83	+7·00	15	+4·7	3·0
Vizagapatam ..	29·570	+·017	S. 81 W.	13·0	81·8	76·5	88·8	-0·2	100·1	78·2	-0·4	72·4	78	0	9·3	4·70	+0·21	8	-0·4	1·1
Calingapatam (b) ..	29·578	+·015	S. 61 W.	5·7	81·8	77·7	88·3	-1·8	95·0	77·9	-1·0	73·5	83	0	7·4	3·19	-2·66	8	-0·9	0·5
Gopalpur .. ..	29·515	+·011	S. 29 W.	6·6	80·9	78·3	85·5	-2·2	94·5	78·1	-1·1	73·6	89	+5	7·4	5·19	-1·69	10	+0·4	1·0
<b>HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN.</b>																				
Maymyo .. .. .	26·246	+·013	S. 34 W.	3·3	70·0	67·6	75·6	-1·3	82·2	65·8	-0·2	63·8	83	0	5·8	5·12	-1·16	12	+0·3	1·4
Shillong .. ..	24·039	+·009	S. 21 W.	1·6	69·1	65·7	75·5	+0·2	79·4	64·8	+0·5	60·4	83	-3	7·6	4·74	-9·74	12	-7·2	1·6
Cherrapunji (b) ..	25·812	+·033	S. 42 E.	5·0 (c)	67·3	66·2	71·5	-0·7	77·2	64·5	-0·5	62·0	94	-2	9·5	73·38	-25·13	29	+2·1	9·3
Jorjiling (b) .. .	22·824	+·015	N. 86 E.	1·3 (e)	62·5	61·5	67·6	+0·8	77·0	58·7	+0·7	52·6	95	-1	9·2	27·74	-4·57	26	+0·6	4·8
Mukteswar .. ..	22·092	+·011	S. 71 E.	3·8	61·0	60·2	67·1	-3·0	73·0	58·5	+0·6	56·0	95	+4	9·0	17·02	+4·59	20	+2·6	2·1
Musaoree (a) .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	54·11	+20·81	30	+7·6	5·4	
Chakrata .. ..	23·281	+·066	N.	5·7	64·1	63·6	68·6	-1·4	84·0	61·0	+0·8	58·9	97	+8	9·0	17·39	-1·81	29	+9·0	2·5
Simla .. .. .	22·955	+·019	S. 20 W.	4·4	62·3	61·2	65·9	-3·0	68·2	59·8	-0·4	56·4	94	+8	9·5	15·41	-1·47	25	+5·5	2·0
Dalhousie (a) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30·96	..	..	24	..	3·20
Murree .. .. .	23·808	+·012	N. 45 W.	3·4	66·7	64·1	71·6	-5·2	77·5	62·1	-0·3	53·2	88	+12	6·3	18·57	+6·73	19	+6·5	4·3
Cherat .. .. .	25·498	+·043	S. 17 E.	5·6	73·7	70·2	85·0	-4·4	96·6	69·4	-2·0	64·0	85	+18	6·4	7·15	+3·68	8	+3·1	2·95
Parachinar .. .	24·238	+·001	Calm	0·8	76·7	69·3	84·9	-2·2	80·4	66·2	-0·1	57·1	70	+18	2·6	4·60	+0·62	10	+3·5	0·75
Drosh .. .. .	24·737	-·085	S. 45 W	5·4	78·6	68·7	98·1	+1·5	105·1	75·8	+2·9	63·4	60	+10	3·5	1·21	+0·84	3	+1·5	0·80
Mount Abu .. ..	25·787	+·029	S. 52 W.	8·9	66·1	65·7	67·6	+7·8	75·4	64·9	-1·1	63·4	98	+5	9·9	16·12	-4·95	19	+2·1	4·93
Pachmarhi .. ..	26·186	+·011	S. 89 W.	8·3	68·0	66·8	72·1	-4·6	77·3	66·1	-2·1	63·1	94	+3	9·8	28·21	+4·55	28	+6·9	4·40
Mercara .. .. .	26·111	+·021	S. 87 W.	3·1	64·2	63·5	68·4	-0·5	72·1	61·8	-0·2	60·0	96	0	10·0	41·99	+1·06	28	-0·8	4·5
Kodalkanal (b) ..	22·728	+·025	N. 51 W.	8·4	56·8	52·9	65·2	+2·0	71·6	61·5	-1·1	49·9	77	-4	6·6	1·83	-3·19	6	-5·1	0·53
<b>CEYLON.</b>																				
Colombo .. .. .	29·828	+·024	S. 54 W.	3·7	78·0	75·2	85·8	+0·2	86·9	76·8	-0·2	71·4	87	+2	8·4	4·45	-0·70	6	-2·2	1·51

(a) Reports only rainfall.

(b) Mean of 31 days

(c) Mean of 29 days.

(d) Mean of 23 days. (x) Aneroid.

# MONTHLY WEATHER REPORT

FOR

August 1925.

Supplement to the Indian Daily Weather Report for the 9th September 1925.

*Published by order of the Governor General in Council.*

*Summary.*—The outstanding features of the weather during the month were the unusual concentration of rainfall along the Himalayas, from Kashmir to the northeast frontier, between the 10th and 12th, resulting in floods in many rivers, and the almost complete break in northwest India from the 14th onwards.

2. From the meteorological point of view the month can be divided into two periods, *viz.*, 1st to 13th, and 14th to 31st. On the first two days of the earlier period the Arabian Sea monsoon was vigorous from the frontier to the east of the United Provinces, and fairly active in the south of the Peninsula, but the Bay monsoon was weak. During the next two days, while the Arabian Sea current not only weakened, but was restricted almost exclusively to the south and northeast of the Peninsula and the east of the United Provinces, the Bay current strengthened appreciably in Burma. Later, the improvement in the Bay monsoon extended to northeast India; synchronously there was a marked revival and extension of the Arabian Sea monsoon, and more or less widespread rain fell between the 5th and the 7th in the Peninsula, the central parts of the country, and in the tract from the east Punjab and Rajputana to Assam. On the 8th the monsoon extended into Sind, but was weak generally in the inland districts of the country. During the next four days, however, both the currents were very active, but the day-to-day pressure changes were extremely abnormal and produced a rather remarkable concentration of rainfall along almost the whole length of the Himalayas. Among the heavy falls during this period two may be mentioned: a fall of 6" is reported to have occurred in a short time in the early hours of the 10th at Nagpur, and this caused a flood in the Nag flowing by the town, which inundated parts of Sitabaldi; the other was a fall at Darbhanga of nearly 10" in the twenty-four hours ending at 8 hrs. on the 12th, followed by another fall of nearly 5" in the next twenty-four hours. Snow is reported to have fallen between the 12th and 14th down to a height of 11,000 feet in the higher ranges to the east of Srinagar. The concentration of rainfall in the hills and submontane districts gave rise to floods in the Ravi, the Sutlej, the Goomti and the Brahmaputra among the bigger, and the Rapti, the Rohini, the Sarju and the Dahaward among the smaller rivers. Parts of Lahore, of Lucknow and of Dibrugarh were under water owing to the rise of the Ravi, the Goomti and the Brahmaputra respectively: according to newspaper reports many villages in the Gonda, Bahraich and Sitapur districts on the banks of the four smaller rivers were washed away, and much loss of life, of cattle and of property has probably resulted; parts of the Gorakhpur districts were also inundated.

The second period began on the 14th, when the monsoon was active in Burma, Assam, the Deccan and Orissa, but began to fail in northwest India, where, indeed, little rain fell during the rest of the month. Between the 15th and 17th the Bay current weakened, but the Arabian Sea current revived generally in the Peninsula and caused some heavy rain in the Central Provinces. During the next five days it was the turn of the Arabian Sea current to weaken and of the Bay current to strengthen. Heavy rainfall occurred in Tenasserim on the 18th and extended northwards into Arakan the next day, and simultaneously a depression formed over the head of the Bay; this developed while moving slowly westwards, crossed the Orissa coast on the evening of the 21st and eventually disappeared near Jubbulpore on the 24th. Rainfall associated with this depression was heavy only in Orissa. After another short period of comparatively little rain, both branches of the monsoon revived appreciably on the 25th and a depression formed off the Orissa and Ganjam coasts on the 29th; this passed into Orissa on the night of the 30th without appreciable development. It did not produce any concentration of heavy rainfall, but reintroduced monsoon conditions into the United Provinces.

3. The rainfall of the month was in large defect in Rajputana and Gujarat, and in slight to moderate defect over the Punjab, the North-West Frontier Province, the United Provinces, Central India, Bengal and Upper Burma; it was in slight to moderate excess in Baluchistan, the Central Provinces East, Malabar and Madras Southeast. Averaged over the whole of India, the month's total was 1" or 10 per cent. in defect.

4. The temperature conditions of the month corresponded more or less closely with the activity of the monsoon. Both the maximum and minimum temperatures were markedly low in the Punjab, Kashmir, the North-West Frontier Province and Baluchistan between the 13th and 15th. Maximum temperature was appreciably below normal in these regions in the first four days of the month, in Orissa from the 20th to 23rd, in the Central Provinces and north Hyderabad between the 22nd and 24th, and over the whole of Hyderabad on the 15th and 16th, as well as on the 28th and 29th, when it was low also in Mysore and the Madras Deccan. On the other hand maximum temperature was appreciably higher than usual in the Bombay Deccan upto the 3rd, in Central India and the Central Provinces on the 8th and 9th, in Central India East alone from the 14th to 18th and during the last week, in Rajputana and the United Provinces West on most days during the second fortnight, in the east and north Punjab from the 22nd to 24th and again from the 26th to 30th, and in the North-West Frontier Province between the 23rd and 28th. On the mean of the month both maximum and minimum temperatures were below normal in Kashmir, and maximum temperature alone in the Madras Deccan ; on the other hand maximum temperature was appreciably above normal in Rajputana and Central India East.

### Summary of the local conditions.

*Burma, including the Bay Islands.*—Rainfall was nearly normal in Lower Burma and in slight defect elsewhere. Other climatic elements were roughly normal.

*North East India, including Orissa.*—The total rainfall of the month was in slight defect in Bengal and nearly normal in the other sub-divisions. Other climatic elements were approximately normal.

*The United Provinces, Central India and the Central Provinces.*—Rainfall was in slight to moderate defect in the United Provinces, in moderate to large defect in Central India, nearly normal in Berar and the Central Provinces West, and in moderate excess in the Central Provinces East. In Central India East skies were much less clouded than usual and maximum temperature was appreciably above normal. Humidity was normal.

*Northwest India.*—The month's rainfall was nearly normal in Kashmir, and in slight excess in Baluchistan ; elsewhere it was in defect, the deficiency being upwards of 70 per cent in Rajputana and Gujarat. There was much less cloud than usual except in Gujarat, Sind and Kashmir. Humidity was in defect in Rajputana. Maximum and minimum temperatures were both below normal in Kashmir, but maximum temperature was appreciably higher than usual in Rajputana.

*The Peninsula.*—Rainfall was in moderate excess in Malabar and in slight excess in Madras Southeast ; it was nearly normal elsewhere. Maximum temperature was below normal in the Madras Deccan.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions ; and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report ; the divisional means, Tables I and II, are based on these observations.

SIMLA ;

*The 5th September 1925.*

C. W. B. NORMAND,

*for Director-General of Observatories.*

TABLE I, AUGUST.

Division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma	22·60	22·24	+0·36	+2	0	+0·5	0	+0·3
Assam	15·63	15·41	+0·22	+1	+0·1	+0·3	-1	+0·7
Bengal	11·91	15·73	-3·82	-24	+1·3	+0·8	-1	-0·2
Bihar and Orissa	13·87	13·58	+0·29	+2	+0·2	+0·2	+1	-0·4
United Provinces	9·19	12·51	-3·32	-27	+0·9	+0·4	-1	-0·5
Punjab	4·12	5·67	-1·55	-27	-0·9	-1·0	+2	-1·3
North-West Frontier Province	1·37	2·09	-0·72	-34	-1·3	-1·4	-2	-1·7
Sind	1·19	1·59	-0·40	-25	-0·7	+0·1	0	-0·4
Rajputana	9·99	6·39	+3·60	+56	+2·8	+1·1	-7	-1·9
Bombay	6·33	8·08	-1·75	-22	+1·0	+0·3	-2	-0·1
Central India	5·81	10·77	-4·96	-46	+2·3	+0·6	-2	-1·0
Central Provinces	14·15	12·02	+2·13	+18	+0·5	+0·3	0	+0·5
Hyderabad	6·71	6·35	+0·36	+6	-1·3	-0·2	+3	+0·1
Mysore	3·24	3·87	-0·63	-16	+0·1	+0·5	0	+0·7
Madras	7·62	6·21	+1·41	+23	-1·1	-0·3	+2	+0·3
Mean of India	9·94	10·99	-1·05	-10	+0·3	+0·2	0	-0·3

TABLE II, AUGUST.

Sub-division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud
	"	"	"		°	°	%	
1. Bay Islands .. ..	10·96	14·69	-3·73	-25	-1·1	-0·3	-2	+0·3
2. Lower Burma .. ..	34·95	31·34	+3·61	+12	-0·4	+0·4	-1	-0·3
3. Upper Burma .. ..	6·73	9·25	-2·52	-27	+0·5	+0·5	0	+0·2
4. Assam .. ..	15·63	15·41	+0·22	+1	+0·1	+0·3	-1	+0·7
5. Bengal .. ..	11·91	15·73	-3·82	-24	+1·3	+0·8	-1	-0·2
6. Orissa .. ..	15·79	14·33	+1·46	+10	-0·2	+0·1	+3	-0·6
7. Chota Nagpur .. ..	10·68	12·59	-1·91	-15	+1·3	+0·4	0	-0·3
8. Bihar .. ..	14·24	13·57	+0·67	+5	+0·1	+0·1	0	-0·2
9. United Provinces, East ..	8·62	12·13	-3·51	-29	+0·5	+0·7	0	-0·7
10. Do. do. West ..	9·67	12·84	-3·17	-25	+1·5	0	-2	-0·2
11. Punjab, East and North ..	5·55	7·01	-1·46	-21	-0·7	-0·7	+2	-1·7
12. Do. Southwest ..	1·61	3·31	-1·70	-51	-1·3	-1·5	+2	-0·6
13. Kashmir .. ..	1·98	1·80	+0·18	+10	-3·1	-2·0	+2	-0·2
14. North-West Frontier Province	1·37	2·09	-0·72	-34	-1·3	-1·4	-2	-1·7
15. Baluchistan .. ..	1·08	0·89	+0·19	+21	-1·0	-0·1	+2	-1·4
16. Sindh .. ..	1·19	1·59	-0·40	-25	-0·7	+0·1	0	-0·4
17. Rajputana, West .. ..	0·18	3·93	-3·75	-95	+3·3	+1·3	-7	-1·5
18. Do. East .. ..	1·39	7·61	-6·22	-82	+2·4	+0·9	-8	-2·3
19. Gujarat .. ..	1·61	5·74	-4·13	-72	+1·7	+0·6	-4	-0·2
20. Central India, West ..	3·85	8·42	-4·57	-54	+1·6	+0·7	-3	+0·5
21. Do. do. East ..	7·77	13·13	-5·36	-41	+3·1	+0·5	-1	-2·5
22. Berar .. ..	7·32	6·51	+0·81	+12	-0·1	+0·7	-1	0
23. Central Provinces, West ..	12·53	12·80	-0·27	-2	+0·9	+0·4	-1	+0·3
24. Do. do. East ..	19·99	13·59	+6·40	+47	+0·1	-0·1	+3	+1·2
25. Konkan .. ..	17·83	17·69	+0·14	+1	+0·3	+0·3	0	-0·7
26. Bombay, Deccan .. ..	4·17	4·39	-0·22	-5	+0·4	+0·1	-1	+0·3
27. Hyderabad, North ..	6·73	6·85	-0·12	-2	-1·3	+0·1	+3	-1·0
28. Do. South .. ..	6·70	5·97	+0·73	+12	-1·3	-0·3	+4	+0·7
29. Mysore .. ..	3·24	3·87	-0·63	-16	+0·1	+0·5	0	+0·7
30. Malabar .. ..	19·93	13·77	+6·16	+45	-0·1	-0·3	+3	+0·3
31. Madras, Southeast ..	4·06	3·39	+0·67	+20	-1·1	0	+1	+0·2
32. Do. Deccan .. ..	4·54	4·39	+0·15	+3	-2·0	-0·4	+4	-0·6
33. Do. Coast, North ..	6·30	6·29	+0·01	0	-1·1	-0·6	+2	+0·7

TABLE III, AUGUST.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.		RAINFALL.				
	1	2	3	4	5		6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.	
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.									
<b>BAY ISLANDS.</b>																					
Port Blair ..	29.686	-0.030	S. 54 W.	9.2	80.3	76.9	84.1	-1.1	86.4	76.9	-0.3	72.6	85	-2	8.5	10.96	-3.73	27	+7.7	1.73	
<b>LOWER BURMA.</b>																					
Mergui ..	29.731	-0.014	S. 13 E.	4.0	76.2	75.2	83.2	-1.1	88.9	73.2	+0.2	71.6	95	+1	8.4	52.04	+23.43	31	+5.6	4.20	
Tavoy ..	29.771	-0.017	S.	1.2	76.3	75.5	82.3	-0.6	87.1	74.7	+0.5	72.6	96	+3	9.7	60.39	+13.06	31	+3.7	8.15	
Moulmein ..	29.677	-0.020	S. 22 E.	2.9	76.8	75.4	82.1	-1.0	86.3	74.7	+0.5	72.3	93	-1	10.0	53.29	+9.67	29	+1.9	4.66	
Rangoon ..	29.714	-0.020	S. 8 W.	3.5	78.7	77.0	84.6	-0.4	89.9	75.8	0	73.8	93	0	9.6	23.76	+3.89	27	+2.9	2.46	
Bassien ..	29.690	-0.021	S. 8 W.	2.9	79.1	77.4	84.7	-0.2	89.7	76.6	+0.6	74.6	92	-1	8.5	24.33	+1.26	27	+2.3	4.80	
Diamond Island ..	29.600	-0.037	S. 38 W.	8.4	80.7	78.1	83.5	-0.9	86.5	76.5	+0.3	73.7	89	+2	6.4	31.19	+8.28	23	+1.5	5.55	
Toungoo ..	29.533	-0.043	..	..	79.3	76.6	86.3	-0.5	90.8	75.5	+0.7	73.3	88	-4	7.5	12.10	-7.02	23	-1.3	1.48	
Kyaukpnyu ..	29.641	-0.032	S. 31 E.	2.9	79.5	77.5	85.6	+1.0	89.0	76.8	+0.9	74.8	91	0	7.9	37.51	-0.03	26	-1.5	8.05	
Akyab ..	29.621	-0.039	S. 47 E.	11.1	79.9	77.5	84.6	0	86.3	77.2	+0.3	74.8	89	-5	9.4	19.30	-25.89	24	-2.8	2.08	
<b>UPPER BURMA.</b>																					
Mittha ..	29.488	-0.034	S. 26 E.	4.9	80.8	77.6	90.9	+0.8	94.9	77.9	+0.8	76.4	86	+1	7.7	4.92	-0.35	13	+2.5	0.80	
Yamethin ..	29.051	-0.010	..	..	78.8	75.6	90.1	+1.1	95.0	75.1	+0.5	73.0	86	-1	6.8	3.15	-2.76	8	-3.0	1.10	
Mandalay ..	29.428	-0.015	S. 24 E.	5.6	81.6	76.1	94.0	+0.8	98.2	77.8	-0.1	73.4	77	-2	7.0	1.88	-2.71	8	+0.1	0.35	
Monywa ..	29.393	-0.018	S. 45 E.	3.3	81.9	77.9	93.4	+0.5	97.5	78.9	+0.3	75.8	83	0	8.7	5.16	+0.61	7	+0.8	1.63	
Lashio ..	26.920	-0.011	S. 33 W.	1.9	72.6	70.6	82.6	+0.1	89.0	70.4	+0.8	68.1	91	+1	3.9	9.14	-3.56	17	-2.0	1.33	
Bhamo ..	29.277	-0.022	Calm	0.5	78.7	77.4	88.5	+0.4	90.4	75.4	+0.4	72.7	94	+1	7.9	8.82	-6.56	17	-2.4	1.72	
Myitkyina ..	29.172	-0.017	Calm	2.0	77.9	76.5	87.3	0	93.8	75.9	+0.5	72.6	94	+3	9.5	14.04	-2.33	16	-3.5	2.06	
<b>ASSAM.</b>																					
Ulugarh ..	29.267	-0.024	N. 26 E.	0.5	78.8	77.3	85.3	-1.6	91.3	75.2	-0.6	71.1	93	0	8.2	19.43	+1.24	23	+3.9	5.47	
Sibsagar ..	29.296	-0.030	S. 45 W.	0.3	81.1	78.7	89.0	+0.4	93.1	78.1	+0.5	75.4	89	-4	9.7	12.41	-3.86	18	-0.2	2.23	
Iezpur ..	29.375	-0.011	N. 41 E.	1.0	80.2	78.7	89.6	+0.6	93.1	78.5	+0.8	76.0	93	+1	9.8	16.19	+1.83	20	+3.7	4.40	
Gauhati ..	29.429	-0.020	N. 5 E.	0.6	82.6	79.5	91.1	+1.0	95.7	78.2	+0.4	74.7	86	-1	8.4	3.65	-6.71	11	-2.4	0.75	
Dhubri ..	29.503	-0.006	E.	3.0	81.3	79.1	86.4	+0.3	93.3	78.6	+0.1	75.7	90	0	6.9	19.08	+5.54	16	+1.5	6.26	
Stichar ..	29.551	-0.009	S. 24 E.	1.0	79.8	78.0	89.4	-0.2	93.7	77.2	+0.4	75.7	91	0	8.3	23.06	+3.51	26	+3.9	4.35	
<b>BFNGAL.</b>																					
Cox's Bazar ..	29.593	-0.021	S. 35 E.	4.4	81.1	78.4	86.6	+1.2	88.9	76.5	+0.7	75.3	89	-2	5.6	12.06	-18.45	18	-4.6	2.18	
Chittagong ..	29.535	-0.027	S. 54 E.	4.2	80.6	78.1	88.3	+2.4	91.5	77.4	+1.1	74.4	89	0	7.7	19.08	-0.22	11	-5.4	6.45	
Narayanganj ..	29.585	-0.010	S. 35 E.	2.2	82.7	79.5	88.5	+0.8	91.1	79.4	+0.5	76.8	86	-3	8.0	7.09	-5.65	12	-5.7	1.55	
Barisal ..	29.523	-0.014	S. 24 E.	2.0	82.4	79.7	88.2	+1.3	90.8	79.6	+1.4	76.3	89	0	6.3	6.28	-7.34	15	-5.1	1.85	
Jessore ..	29.562	-0.007	S. 27 E.	2.6	83.0	80.2	89.4	+0.9	91.4	79.9	+1.2	78.1	88	-1	8.3	3.14	-7.81	9	-7.8	0.87	
Calcutta ..	29.546	-0.017	S. 30 E.	3.2	82.2	79.9	89.9	+2.1	92.8	80.0	+1.5	78.0	90	+1	8.8	8.02	-4.67	11	-7.3	2.61	
Saugor Island ..	29.544	-0.023	S. 6 E.	10.7	83.7	79.9	87.5	+0.2	90.3	80.1	+0.4	78.0	84	-5	7.5	9.93	-4.25	16	-0.5	1.73	
Burdwan ..	29.468	-0.018	S. 41 E.	0.8	83.3	79.9	90.5	+1.3	92.8	79.3	+0.3	75.4	85	-3	8.4	7.92	-3.34	10	-5.7	1.75	
Berhampore ..	29.513	-0.009	S. 40 E.	2.7	83.8	80.8	91.5	+2.8	95.0	79.5	+0.7	76.2	87	-3	8.0	8.09	-3.86	14	-2.6	3.68	
Mymensingh ..	29.552	-0.014	S. 73 E.	0.3	82.0	78.9	88.7	+1.3	91.1	79.7	+1.4	77.1	86	-4	9.1	9.89	-5.75	15	-4.1	2.67	
Sogra ..	29.530	-0.007	S. 72 E.	1.6	82.6	80.0	91.0	+2.5	91.8	79.5	+1.0	76.0	89	0	7.3	9.54	-3.75	12	-4.8	2.74	
Dinajpur ..	29.470	-0.010	S. 57 E.	2.1	82.1	79.6	89.2	+0.3	93.0	79.6	+1.0	76.5	89	-1	7.0	15.38	+2.03	20	+4.4	2.92	
Malpauri ..	29.340	-0.011	N. 45 E.	0.9	79.7	78.3	88.5	0	94.3	76.6	-0.6	74.1	94	+2	7.9	38.37	+13.38	27	+7.1	4.90	
<b>ORISSA.</b>																					
Balasore ..	29.484	-0.030	S. 34 W.	2.9	82.6	79.6	88.6	+0.2	91.7	78.6	+0.3	75.4	87	0	7.7	15.51	+4.15	11	-3.6	4.95	
Chikitala (False Point) ..	29.532	-0.027	S. 27 W.	10.0	..	..	..	..	..	..	..	..	..	..	6.5	22.91	+9.82	16	+1.0	7.95	
Cuttack ..	29.487	-0.020	S. 73 W.	2.1	82.1	79.2	89.2	0	93.9	78.4	0	75.1	88	+4	6.4	7.28	-6.28	16	0	1.23	
Santhalpur ..	29.081	-0.025	S. 79 W.	3.2	79.6	77.9	86.1	-0.8	92.0	77.1	0	72.3	91	+5	7.0	17.30	-1.83	14	-5.2	3.72	
<b>CHOTA NAGPUR.</b>																					
Chandbasa ..	28.814	-0.017	S. 48 W.	2.4	81.8	78.5	89.9	+1.2	93.8	77.8	+0.8	75.7	86	0	7.9	7.30	-4.17	13	-3.4	1.40	
Chandbi ..	27.469	+0.007	N. 64 W.	3.2	77.2	74.7	84.7	+1.3	90.6	73.0	0	69.5	89	0	7.2	12.56	-0.61	17	-1.6	3.33	
Chandbi (a) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12.18	-0.96	14	-3.8	2.70		

(a) Reports only rainfall.

(b) Mean of 30 days.

(c) Mean of 22 days.

TABLE III, AUGUST.

STATION.	PRESSURE.		WIND.		TEMPERATURE.							HUMIDITY CLOUD.			RAINFALL.						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heat fall in month.	
<b>BIHAR.</b>																					
Purnea .. .. .	29.456	-016	E.	0.9	82.7	80.0	89.7	+0.7	94.5	78.1	-0.5	74.8	89	-2	5.8	10.40	-3.70	14	-2.1	2.3	
Darbhanga .. ..	29.411	-005	E.	0.8	81.5	79.1	88.5	-0.3	93.4	78.0	-1.1	74.4	90	+2	7.7	29.69	+15.73	16	+1.6	9.9	
Patna .. .. .	29.382	-001	S. 83 E.	3.4	82.9	80.2	88.8	-0.3	92.0	79.9	+0.5	76.0	88	+1	9.0	7.85	-6.20	13	-0.8	1.4	
Gaya .. .. .	29.194	+004	S. 62 E.	2.6	82.2	79.3	89.5	-0.6	92.4	79.1	+0.6	75.9	87	+2	6.6	12.40	-0.82	18	+3.0	3.0	
Naya Dumka .. ..	29.075	-015	S. 57 E.	1.6	82.5	78.9	89.5	+1.0	93.6	78.6	+1.1	76.0	85	-2	6.5	11.38	-1.63	11	-7.0	2.0	
<b>UNITED PROVINCES, EAST.</b>																					
Gorakhpur .. ..	29.317	+003	E.	0.7	81.8	79.2	88.6	-1.0	93.9	78.2	-0.2	75.1	89	+1	4.1	19.54	+5.55	18	+3.1	4.3	
Benares .. .. .	29.300	-009	N. 81 W.	1.4	83.4	80.2	90.3	+0.6	93.4	79.9	+1.3	75.6	87	0	8.3	4.78	-6.76	12	-2.7	1.9	
Allahabad .. ..	29.241	-007	N. 38 W.	2.9	83.3	80.0	91.4	+1.4	96.7	79.7	+1.1	75.3	86	+1	8.6	6.55	-5.15	8	-6.0	2.0	
Cawnpore .. .. .	29.138	-004	S. 73 W.	1.9	83.5	79.6	91.3	+0.6	96.4	79.1	+0.3	75.5	84	-1	4.3	8.09	-3.29	12	-0.9	3.8	
Lucknow .. .. .	..	..	N. 26 E.	1.5	83.5	80.4	92.0	+1.4	96.2	79.2	+0.7	76.1	87	+1	6.1	7.03	-3.86	17	+3.9	1.5	
Bahraich .. .. .	29.138	-015	S. 65 E.	1.6	82.8	79.4	90.0	-0.1	94.5	79.4	+1.0	74.5	85	-1	5.2	5.74	-7.51	7	-5.9	1.6	
<b>UNITED PROVINCES, WEST.</b>																					
Jhansi .. .. .	28.742	-010	S. 53 W.	3.5	82.1	77.2	92.4	+3.0	98.4	77.8	+0.4	75.0	79	-3	5.2	3.53	-7.72	5	-8.5	1.3	
Agra .. .. .	28.993	-012	S. 66 W.	4.3	84.3	78.5	94.3	+2.6	100.8	78.1	-0.8	74.4	77	-10	5.9	2.85	-5.30	4	-6.2	1.7	
Mainpuri .. .. .	29.032	-003	S. 77 W.	0.4	83.7	79.5	92.8	+1.0	100.5	78.8	0	75.1	83	0	6.1	7.83	-0.86	8	-2.7	3.0	
Bareilly .. .. .	28.936	-005	S. 34 E.	..	82.2	78.8	90.0	+0.3	97.2	78.5	+0.4	72.7	86	-1	7.5	14.35	+2.08	9	-3.2	5.4	
Meerut (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11.33	+2.64	7	-2.6	3.0	
Roorkee .. .. .	28.649	-021	S. 45 E.	2.5	80.9	77.6	90.8	+0.6	96.2	76.9	-0.2	72.6	86	+2	6.2	6.61	-5.42	11	-0.7	1.7	
Dehra Dun (a) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21.20	-7.38	16	-5.3	4.4	
<b>PUNJAB, EAST AND NORTH.</b>																					
Oelhi .. .. .	28.842	0	S. 77 W.	(b)	(d)	83.5	77.6	93.4	+1.0	99.0	80.1	+0.3	75.5	76	-1	4.5	5.01	-2.41	6	-3.2	3.0
Hissar .. .. .	28.803	-018	S. 43 W.	4.2	84.9	76.6	97.6	-0.5	105.1	78.9	-1.5	75.3	68	-2	2.3	3.12	-0.50	4	-1.3	2.4	
Ambala .. .. .	28.636	-025	S. 69 E.	2.9	82.7	78.9	93.0	-0.1	98.9	77.5	-0.4	73.1	84	0	4.5	7.38	-0.32	11	+1.9	1.0	
Ludhiana .. .. .	28.716	-024	N. 75 E.	1.6	82.4	77.7	95.1	+0.4	102.6	78.5	-0.8	70.4	81	+3	2.8	3.90	-3.04	4	-3.6	1.0	
Lahore .. .. .	28.808	-024	S. 12 E.	1.1	84.2	78.8	95.6	-2.1	103.5	79.0	-0.3	69.4	77	+2	2.3	4.44	-0.89	5	-0.8	2.0	
Sialkot .. .. .	28.687	-023	S. 80 E.	1.4	81.6	78.2	92.3	-2.2	98.1	77.7	-0.6	68.5	86	+6	3.4	10.51	+1.60	7	-2.1	4.4	
Rawalpindi .. ..	27.839	-012	S. 73 E.	1.5	83.9	79.0	92.6	-1.3	100.6	74.1	-1.3	66.3	81	+4	0.5	4.51	-4.63	6	-3.3	2.0	
<b>PUNJAB, SOUTH-WEST.</b>																					
Khushab .. .. .	28.917	-014	S. 87 E.	4.3	86.4	78.7	102.3	(u)	+3.0	104.8	79.3	-2.1	69.4	70	+1	2.0	0.80	-2.42	1	-2.4	0.0
Lyallpur .. .. .	28.893	-022	S. 19 W.	1.8	84.7	77.8	96.8	-1.3	103.8	79.3	-0.4	70.0	73	+2	3.2	1.67	-3.11	5	-0.9	0.0	
Montgomery .. ..	28.933	-012	S. 11 W.	2.6	86.6	77.2	95.2	-5.9	101.5	79.8	-2.0	70.2	65	+2	1.8	2.90	-0.28	3	-0.8	2.0	
Multan .. .. .	29.072	-011	S. 11 E.	2.0	86.2	79.1	100.1	-0.8	106.7	81.0	-1.5	70.2	72	+3	1.8	1.07	-0.91	1	-1.6	1.0	
<b>KASHMIR.</b>																					
Srinagar .. .. .	24.667	-000	S. 45 E.	1.7	69.5	65.0	83.8	-1.1	91.1	62.0	-1.7	53.6	79	-3	4.7	3.64	+1.31	7	+1.7	1.0	
Gulmarg .. .. .	21.748	-012	N. 41 W.	2.0	60.6	57.0	67.6	-1.1	74.0	49.9	-0.8	41.3	82	+4	4.3	2.83	-1.90	8	-1.6	0.0	
Sonamarg (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4.96	+1.36	11	+2.3	1.0	
Dras .. .. .	20.694	-005	S. 59 W.	6.1	57.1	50.7	71.5	-6.3	80.9	47.2	-1.6	37.5	68	+6	2.9	0.89	+0.35	4	+2.5	0.0	
Leh .. .. .	19.624	-015	Calm	1.8	55.4	47.3	74.1	-2.4	81.6	48.0	-1.7	38.3	58	0	3.6	0.37	-0.17	1	-0.8	0.0	
Skardu .. .. .	22.657	-013	S.	2.8	67.3	56.0	85.3	-2.1	97.3	58.5	-3.2	46.9	51	0	4.5	9.51	+0.14	2	+0.8	0.0	
Gilgit .. .. .	24.861	-020	S. 45 W.	1.2	75.4	64.9	89.6	-3.6	101.0	68.4	-2.9	58.2	57	+6	3.8	0.67	+0.18	2	+0.2	0.0	
<b>NORTH-WEST FRONTIER PROVINCE.</b>																					
Peshawar .. .. .	28.417	-023	N. 10 W.	0.6	83.0	75.3	98.3	-1.2	104.8	76.6	-1.5	69.6	70	0	1.5	1.32	-0.92	3	+0.4	0.0	
Dera Ismail Khan ..	28.937	..	S. 79 E.	1.5	86.3	78.9	99.2	-1.5	105.8	80.0	-1.3	70.2	71	-4	0.6	1.41	-0.53	3	+0.8	0.0	
<b>BALUCHISTAN.</b>																					
Fort Sandeman .. ..	25.176	-009	N. 34 E.	2.1	75.4	66.7	97.4	+0.9	105.3	71.2	-1.3	61.8	64	+2	1.6	1.23	-0.45	4	+0.4	0.0	
Harat (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4.72	+1.15	5	-0.4	1.0	
Quetta .. .. .	24.439	-005	Calm.	1.9	67.4	58.4	90.6	-1.0	95.4	58.0	-3.5	48.8	59	+1	0.6	0.48	+0.02	1	+0.2	0.0	
Chaman .. .. .	25.429	-018	S. 15 E.	6.6	78.8	61.2	97.4	-0.9	100.9	72.1	-0.2	67.3	35	-4	0.4	0	-0.04	0	-0.1	0.0	
Kalat .. .. .	23.575	-005	S. 7 E.	5.6	62.5	53.2	88.3	-2.5	92.9	56.6	+4.4	50.0	55	+6	1.0	0.11	-0.19	1	+0.2	0.0	
Daibandin .. .. .	26.815	-039	S. 82 W.	4.4	78.5	60.8	104.3	-1.8	109.7	72.1	+1.1	65.1	32	-1	1.1	1.65	+1.45	1	+0.4	1.0	
Pasni .. .. .	29.585	+005	N. 72 W.	6.2	78.2	76.2	88.7	-0.7	91.8	..	..	..	91	+5	0.1	0.35	+0.07	1	+0.6	0.0	
Panjiur .. .. .	20.474	+004	S. 15 W.	3.8	75.0	66.6	98.8	-1.1	103.4	72.0	-1.1	65.6	66	+3	1.0	0.13	-0.44	1	-0.2	0.0	

(a) Reports only rainfall.

(b) Mean of 30 days.

(d) Mean of 28 days.

(u) Mean of 11 days.

TABLE III, AUGUST.

STATION.	PRESSURE.		WIND.		TEMPERATURE.						HUMIDITY.		CLOUD.		RAINFALL.					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heat fall in month.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
<b>SIND.</b>																				
Jacobabad .. ..	29.225	+0.007	S. 46 E.	3.4	86.5	79.0	100.4	-4.2	106.7	80.9	-1.2	74.6	70	-1	0.9	1.96	+0.98	2	+0.4	1.56
Hyderabad .. ..	29.450	+0.013	S. 22 W.	(d) 8.3	83.2	77.0	96.4	+0.7	99.8	79.4	+0.3	77.0	74	+3	4.0	0.78	-1.34	1	-1.5	0.77
Karachi .. ..	29.577	+0.005	S. 81 W.	12.5	81.7	77.4	86.8	+1.3	89.3	79.2	+1.1	76.3	82	-3	7.7	0.82	-0.85	1	-1.0	0.64
<b>RAJPUTANA, WEST.</b>																				
Bikaner .. ..	28.782	+0.002	S. 64 W.	6.9	86.1	76.3	102.0	+4.2	108.4	81.9	+1.2	78.3	62	-7	2.0	0	-3.47	0	-4.9	0
Jodhpur .. ..	28.818	+0.012	S. 48 W.	4.4	82.7	74.9	95.6	+2.5	103.0	79.2	+1.5	76.3	68	-7	6.2	0.56	-4.04	1	-4.3	0.28
<b>RAJPUTANA, EAST.</b>																				
Jaipur .. ..	28.175	+0.005	S. 77 W.	3.1	82.6	74.5	114.5	+3.1	102.3	77.3	+0.9	74.0	68	-10	5.5	1.94	-5.99	3	-7.4	1.53
Ajmer .. ..	27.994	-0.006	S. 67 W.	2.2	78.2	72.0	89.1	+1.1	97.6	77.2	+1.2	73.6	74	-8	2.6	1.31	-5.44	2	-6.7	1.15
Kotah .. ..	28.751	+0.004	N. 84 W.	1.6	84.1	76.4	93.4	+3.1	99.6	79.0	+0.5	76.8	69	-5	4.2	0.81	-8.04	1	-9.4	0.81
Udaipur (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.51	-5.41	4	-4.6	0.54	
<b>GUJARAT.</b>																				
Deesa .. ..	29.169	+0.009	S. 67 W.	7.8	81.2	75.5	93.2	+3.8	97.9	76.2	+0.3	72.2	76	-8	8.3	1.71	-6.91	4	-5.4	0.63
Bhuj .. ..	29.192	+0.011	S. 62 W.	10.0	81.7	76.0	90.9	+2.4	93.6	77.1	+0.8	74.7	76	-7	6.5	0.26	-2.98	1	-3.0	0.16
Dwarka .. ..	29.603	-0.007	S. 63 W.	11.7	81.1	77.5	85.0	-0.4	86.6	79.1	+0.8	75.3	84	-1	8.9	0.85	-2.35	3	-1.9	0.31
Rajkot .. ..	29.197	-0.016	S. 57 W.	9.5	79.7	74.9	91.8	+3.0	96.0	74.8	+0.3	72.5	79	-4	7.7	1.30	-4.41	5	-2.8	0.30
Veraval .. ..	29.659	+0.001	S. 83 W.	11.6	79.9	77.4	83.1	+0.8	85.1	78.8	+0.8	76.8	89	0	9.1	1.53	-2.26	6	0	0.51
Surat .. ..	29.644	-0.001	S. 50 W.	1.8	81.1	76.4	87.1	+0.5	90.2	77.4	+0.6	75.4	80	-5	8.8	3.76	-3.79	6	-6.5	1.48
Ahmadabad .. ..	29.503	+0.015	S. 84 W.	..	80.7	76.2	91.2	+1.2	94.6	77.3	+0.5	75.3	81	-2	5.4	1.88	-6.21	8	-2.7	0.52
<b>CENTRAL INDIA, WEST.</b>																				
Neemuch .. ..	28.021	+0.009	W.	7.8	77.4	73.0	86.3	+1.3	90.1	73.5	+0.8	70.6	81	-5	8.2	3.63	-3.20	7	-2.9	1.02
Indore .. ..	27.834	-0.002	N. 82 W.	6.0	74.9	71.7	84.5	+1.9	90.6	71.9	+0.5	69.6	86	-2	9.3	4.08	-3.93	10	-1.1	1.10
<b>CENTRAL INDIA, EAST.</b>																				
Nowgong .. ..	28.821	+0.004	N. 71 W.	1.8	81.2	78.2	92.5	+4.6	97.1	76.9	-0.1	74.6	87	0	4.4	8.81	-4.66	12	-1.7	2.80
Satna .. ..	28.524	+0.002	S. 73 W.	2.5	80.3	77.0	87.5	+1.5	91.1	77.4	+1.2	73.6	86	-1	7.0	6.72	-6.06	9	-5.7	1.95
<b>BERAR.</b>																				
Akola .. ..	28.721	-0.016	N. 79 W.	6.3	77.0	72.8	87.1	-0.1	93.0	73.9	+0.4	69.5	81	0	7.9	7.73	+1.30	9	-0.6	2.12
Amraoti .. ..	28.453	-0.005	S. 78 W.	5.6	76.6	72.7	86.0	-0.1	91.4	73.7	+0.9	69.3	84	-2	8.9	6.91	+0.33	7	-2.8	2.06
<b>CENTRAL PROVINCES, WEST.</b>																				
Khandwa .. ..	28.003	-0.004	N. 86 W.	7.3	77.5	73.5	86.5	+0.9	91.2	73.7	-0.4	70.2	82	-2	6.2	2.42	-4.07	6	-4.4	1.00
Hoshangabad .. ..	28.627	+0.003	S. 60 W.	1.4	77.4	75.2	85.8	+0.8	92.5	74.3	+0.4	71.8	90	0	9.5	3.90	-6.09	13	-2.5	2.30
Saugor .. ..	27.802	+0.004	N. 83 W.	4.7	79.9	73.6	85.3	+1.7	90.4	72.5	-0.2	69.8	90	+2	8.2	15.33	+1.68	17	+1.6	4.30
Jubbulpore .. ..	28.254	-0.012	N. 77 W.	2.2	78.0	75.3	86.1	+1.5	91.8	74.9	+0.9	71.7	88	0	8.5	11.10	-5.76	14	-3.4	2.50
Seoni .. ..	27.560	-0.011	N. 44 W.	2.9	76.0	73.3	83.2	+0.4	89.5	72.6	+1.2	69.9	88	+1	8.9	13.98	+0.79	15	-1.6	4.52
Nagpur .. ..	28.100	-0.011	N. 66 W.	3.1	78.4	73.4	86.7	-0.1	94.8	75.0	+0.4	69.8	78	-5	8.4	23.43	+11.79	20	+0.3	5.63
<b>CENTRAL PROVINCES, EAST.</b>																				
Pendra .. ..	27.560	+0.001	N. 17 W.	2.8	77.7	74.6	85.2	+2.2	91.5	(f) 73.2	(f) +0.8	70.2	87	0	7.8	11.71	-1.50	17	-1.0	2.65
Raipur .. ..	28.614	-0.016	S. 44 W.	2.5	77.9	(g) 75.5	86.1	+0.4	94.2	75.0	+0.2	69.6	(g) 91	+2	8.2	17.27	+3.54	22	+6.4	2.81
Chanda .. ..	28.993	-0.023	S. 74 W.	5.0	77.7	74.8	85.8	-1.6	95.3	74.7	-0.4	68.2	87	+5	8.2	15.37	+2.35	18	+3.0	4.50
Jagdulpur .. ..	27.806	-0.034	S. 78 W.	4.9	74.7	72.6	82.5	-0.4	87.4	71.4	0	68.2	90	+3	9.0	35.62	+21.21	25	+5.3	4.05
<b>KONKAN.</b>																				
Bombay .. ..	29.677	-0.018	S. 84 W.	8.1	80.0	76.6	85.4	+1.1	87.5	78.1	+0.8	76.0	85	-1	8.1	7.71	-6.09	15	-4.2	2.03
Ratnagiri .. ..	29.540	-0.018	S. 84 W.	7.0	78.8	76.1	82.9	-0.7	85.2	75.2	-0.3	73.2	88	+1	5.9	20.58	+0.84	25	+1.3	3.95
Marmagao .. ..	29.717	-0.012	S. 47 W.	5.7	..	..	..	..	..	..	..	..	..	..	8.9	17.49	+1.63	25	+2.5	3.47
Karwar .. ..	29.738	-0.017	S. 70 W.	2.5	78.3	75.8	83.0	+0.5	85.9	75.3	+0.5	72.1	89	+1	6.5	25.52	+3.14	26	+2.1	6.21
<b>BOMBAY DECCAN.</b>																				
Malegaon .. ..	28.247	-0.006	S. 68 W.	6.9	77.3	72.1	87.5	+0.4	93.5	71.7	-0.2	68.2	77	0	7.3	3.38	+0.17	10	+4.1	0.99
Ahmadnagar .. ..	27.565	-0.013	N. 74 W.	5.8	74.7	69.5	84.2	-0.7	89.5	68.2	-0.7	64.5	76	-3	6.9	4.55	+2.06	4	-0.9	2.80
Poona .. ..	27.870	-0.013	S. 63 W.	5.8	74.3	70.1	82.6	+0.9	87.0	69.6	0	65.7	81	-3	8.8	2.27	-1.39	5	-4.0	0.79
Sholapur .. ..	28.150	-0.006	S. 81 W.	6.7	75.8	70.7	87.9	+0.5	96.4	71.3	+0.4	69.0	77	+1	6.0	5.12	+0.25	7	-0.6	1.76
Bijapur .. ..	27.784	-0.013	N. 76 W.	8.0	74.4	70.1	87.1	+0.5	94.3	70.1	+0.3	67.3	80	0	6.9	5.37	+2.95	7	+2.5	1.46
Belgaum .. ..	27.219	-0.014	S. 70 W.	4.9	70.0	68.5	77.3	+1.0	81.9	67.1	+0.7	66.0	93	0	9.9	4.36	-5.31	13	-4.0	0.61
<b>HYDERABAD, NORTH.</b>																				
Aurangabad .. ..	27.805	-0.014	S. 86 W.	10.9	73.3	69.8	84.8	-0.1	90.4	70.0	+0.6	66.5	84	+1	9.0	4.60	-0.23	13	+4.0	0.73
Parbhani (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6.17	+0.63	8	-0.6	1.63	
Nizamabad .. ..	28.421	-0.011	N. 49 W.	1.7	75.8	72.1	88.8	-2.6	92.0	72.6	-0.3	68.9	85	+4	4.2	9.42	-0.77	15	+0.9	2.86

(a) Reports only rainfall.

(d) Mean of 28 days.

(g) Mean of 25 days.

(f) Mean of 12 days.

TABLE III, AUGUST.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.		RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.	
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.									
<b>HYDERABAD, SOUTH.</b>																					
Gulbarga .. ..	28·207	-·014	S. 83 W.	9·2	74·8	79·4	88·4	-0·1	96·3	71·7	+0·3	68·7	80	0	7·8	2·53	-3·16	9	+0·7	0·75	
Raichur .. ..	28·406	-·013	S. 82 W.	5·4	76·1	71·5	88·8	-0·8	94·8	72·3	-0·2	69·6	80	+	4·5	5·48	+0·16	11	+2·4	1·04	
Hyderabad .. ..	27·978	-·011	N. 86 W.	5·9	75·0	70·6	84·7	-1·1	91·8	71·9	-0·6	69·9	80	0	8·4	8·89	+2·59	11	+0·6	2·80	
Hanamkonda .. ..	28·780	-·018	N. 65 W.	3·5	77·0	73·6	84·8	-3·1	90·5	74·5	-0·8	71·4	85	+11	9·1	9·89	+3·34	13	+2·4	2·50	
<b>MYSORE.</b>																					
Chitaldrug .. ..	27·374	-·011	S. 80 W.	3·9	71·7	67·7	82·2	-0·1	86·5	68·9	+0·7	67·7	81	-2	9·9	2·72	-0·23	9	+2·1	0·88	
Bangalore .. ..	26·805	-·016	S. 80 W.	8·2	69·8	66·9	82·0	0	85·7	66·3	+0·5	63·8	85	0	9·5	4·32	-0·86	13	+3·4	0·70	
Mysore .. ..	27·297	-·018	S. 61 W.	5·5	71·7	64·9	83·5	+0·3	88·0	67·0	+0·3	64·0	83	+2	8·0	2·47	-0·80	6	-0·7	0·84	
<b>MALABAR.</b>																					
Mangalore .. ..	29·735	-·024	N. 62 W.	4·7	78·0	76·0	83·9	+0·3	87·1	74·0	0	70·4	91	+2	8·1	28·93	+6·39	25	+0·2	4·87	
Calicut .. ..	29·785	-·021	N. 28 W.	3·4	76·9	75·5	83·6	+1·1	87·0	73·8	-0·6	72·1	93	+1	8·4	25·73	+10·15	26	+7·3	5·73	
Cochin .. ..	29·830	-·009	N. 2 W.	5·2	77·7	75·4	82·9	-1·1	85·8	74·6	+0·1	72·4	89	+3	7·8	17·37	+4·48	21	+2·7	3·14	
Trivandrum .. ..	29·626	-·011	N. 37 W.	7·9	76·5	74·6	81·6	-0·9	85·3	74·3	-0·5	71·9	91	+5	8·5	7·70	+3·63	14	+4·6	1·65	
<b>MADRAS, SOUTH EAST.</b>																					
Tinnevely (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-0·56	0	-1·0	0		
Pamban .. ..	29·719	-·020	S. 38 W.	8·3	82·4	77·3	88·0	-1·3	89·9	78·6	+0·1	77·6	79	+2	3·3	0·11	-0·62	1	-0·1	0·11	
Madura .. ..	29·292	-·034	N. 63 W.	4·5	79·8	72·5	95·3	-0·9	99·2	77·0	+1·0	71·1	69	+2	7·7	5·17	+0·92	5	-1·6	1·93	
Negapatam .. ..	29·716	-·018	S. 34 W.	5·5	81·5	74·9	93·4	-0·6	97·3	78·1	+0·6	73·3	73	0	6·0	3·08	-0·51	8	+2·7	1·18	
Trichinopoly .. ..	29·504	-·015	S. 69 W.	6·4	82·9	74·2	96·2	-0·4	99·6	76·9	0	70·9	65	-2	5·8	5·81	+1·98	6	+1·0	3·24	
Coimbatore .. ..	28·439	-·009	S. 46 W.	6·7	77·1	73·9	85·1	-3·0	88·6	70·7	-0·2	66·8	86	+3	5·3	0·42	-0·71	1	-1·7	0·26	
Salem .. ..	28·851	-·013	S. 37 W.	4·1	77·5	73·4	92·4	+0·2	96·5	73·1	+0·2	70·0	82	+2	6·2	5·74	-1·10	7	-3·5	1·59	
Cuddalore .. ..	29·704	-·012	S. 57 W.	4·8	80·7	75·9	91·8	-2·2	96·8	75·6	-1·4	71·5	79	+2	4·6	10·18	+5·21	14	+6·5	1·76	
Madras .. ..	29·692	-·025	S. 52 W.	4·5	81·7	76·2	93·7	-0·5	98·0	77·1	-0·6	73·5	77	+2	6·9	5·99	+1·35	9	+1·1	2·72	
<b>MADRAS DECCAN.</b>																					
Cuddapah .. ..	29·801	-·017	N. 35 W.	..	79·6	74·8	90·7	-3·9	97·4	75·9	-1·2	72·6	79	+9	8·7	6·55	+0·74	14	+6·0	1·60	
Bellary .. ..	28·239	-·017	N. 82 W.	8·2	78·3	70·8	91·0	+6·1	95·7	74·2	+0·4	69·2	68	+1	3·4	2·17	-0·15	4	-0·1	0·78	
Kurnool .. ..	28·785	-·024	S. 83 W.	2·9	76·8	72·2	88·1	-2·3	94·9	73·7	-0·4	71·5	79	+2	7·9	4·91	-0·13	14	+4·9	0·97	
<b>MADRAS COAST, NORTH.</b>																					
Nellore .. ..	29·637	-·011	N. 8 W.	3·5	82·8	75·5	93·7	-2·1	99·2	78·1	-0·9	73·5	71	+2	7·4	4·08	+0·81	9	+3·3	1·26	
Masulipatam .. ..	29·646	-·034	N. 81 W.	6·4	79·8	76·2	88·3	-3·1	92·5	76·6	-1·1	72·7	84	+2	7·6	8·73	+1·82	12	+1·2	2·14	
Cocanada .. ..	29·600	-·037	S. 88 W.	6·5	79·9	76·6	88·0	-1·6	91·5	77·4	-1·0	73·8	85	+2	8·3	3·83	-1·66	10	+0·4	0·65	
Vizagapatam .. ..	29·550	-·043	N. 71 W.	6·4	82·7	77·7	89·6	+0·8	93·7	78·7	+0·5	74·6	79	-1	8·4	7·12	+1·76	9	+9·6	2·66	
Calingapatam .. ..	29·565	-·035	S. 89 W.	5·3	81·9	78·8	88·6	-1·3	92·4	78·2	-0·5	75·0	87	+3	7·0	6·01	-2·94	11	+1·0	1·10	
Gopalpur .. ..	29·519	-·028	N. 26 W.	3·6	81·9	79·6	88·2	+0·6	92·7	78·4	-0·5	73·3	90	+4	7·5	8·02	+0·27	12	+0·9	1·55	
<b>HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN.</b>																					
Maymyo .. ..	26·240	-·026	S. 68 W.	2·0	70·7	68·6	77·3	+1·1	82·2	66·7	+0·8	64·2	99	-1	5·5	11·10	+1·79	19	+3·9	2·53	
Shillong .. ..	24·955	-·021	S. 28 W.	1·2	69·4	66·4	75·2	+0·3	79·0	63·6	-0·1	59·0	85	-1	8·5	9·99	-4·37	21	+1·7	1·39	
Cherrapunji .. ..	25·522	-·005	S. 4 E.	4·5	67·7	66·5	72·1	-0·1	76·5	64·9	-0·1	63·4	94	-1	9·2	59·15	-26·69	25	-1·7	11·52	
Darjiling .. ..	22·833	-·013	S. 49 W.	1·2	61·8	60·8	67·1	+0·6	70·8	68·7	+1·1	56·0	95	0	9·6	25·04	-1·08	24	-0·1	2·74	
Mukteswar .. ..	22·702	-·015	S. 79 W.	5·6	60·4	58·7	68·1	-0·7	73·2	58·2	+1·0	56·1	91	-3	7·8	15·88	+4·03	15	-2·0	4·18	
Mussooree (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32·87	+6·43	21	-1·4	5·51		
Chakrata .. ..	23·281	+·031	S. 16 E.	5·9	64·0	63·0	68·6	-0·2	74·4	60·4	+0·8	55·8	95	+2	7·2	11·05	-7·64	17	-2·6	2·56	
Simla .. ..	22·964	-·010	N. 9 E.	3·6	61·9	58·8	66·5	-0·2	71·1	59·2	-0·1	55·0	84	-7	6·8	16·30	-1·03	12	-7·5	3·34	
Dalhousie (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21·90	..	17	..	3·34		
Murree .. ..	23·824	-·013	S. 45 E.	3·5	67·2	64·0	73·0	-0·8	79·5	61·5	+0·6	50·2	85	+1	3·2	8·82	-6·06	11	-3·6	2·58	
Cberat .. ..	25·523	+·022	S. 6 E. (d)	4·3	75·1	66·7	84·8	-1·3	93·1	70·0	+0·1	58·5	66	-9	2·5	2·31	-1·99	6	-0·1	0·55	
Parachinar .. ..	24·262	-·020	Calm	0·7	75·0	63·3	84·4	-0·6	90·1	62·6	-2·3	53·9	54	-9	1·2	1·71	-1·92	5	-2·7	0·42	
Drosh .. ..	24·785*	-·060	Calm	1·9	73·3	63·4	94·1	-1·4	102·1	70·2	-2·0	60·0	58	+1	1·4	0·44	-0·26	1	-1·3	0·39	
Mount Abu .. ..	25·825	+·010	S. 68 W.	6·7	66·8	65·5	68·1	-4·9	77·9	64·7	+0·3	62·4	94	-1	9·1	8·23	-14·08	11	-6·4	2·45	
Pachmarhi .. ..	26·214	-·003	N. 80 W.	5·4	69·3	67·9	75·8	+1·0	82·9	67·1	+0·1	65·2	93	0	8·3	16·53	-6·77	18	-3·5	3·15	
Mercara .. ..	26·093	-·021	S. 82 W.	4·6	64·1	63·5	68·5	-0·9	74·6	61·8	0	60·0	97	+1	10·0	28·70	+3·25	29	+2·7	3·34	
Kodalkanal .. ..	22·702	-·023	S. 82 W.	9·1	56·5	53·5	64·0	+0·5	67·6	51·9	-0·4	49·2	83	+3	7·6	3·05	-3·94	8	-4·1	0·60	
<b>CYLON.</b>																					
Colombo .. ..	29·801	-·019	S. 65 W.	4·6	78·0	75·1	85·0	-0·9	86·8	76·9	-0·3	72·6	87	+3	8·2	6·28	+3·01	5	-1·3	2·35	

\*Aneroïd.

(a) Reports only rainfall.

(b) Mean of 28 days.

# MONTHLY WEATHER REPORT

FOR

September 1925.

Supplement to the Indian Daily Weather Report for the 13th October 1925.

*Published by order of the Governor General in Council.*

*Summary.*—The Bay monsoon was normally active over most of its field. The Arabian Sea monsoon was extremely weak and was, in addition, during the first fortnight almost completely diverted from the Peninsula to the central parts of the country and the Gangetic plain; from the 17th onwards, however, thundershowers occurred daily in the Deccan. Five disturbances of the winter type passed over the extreme north and caused occasional rain there.

From the point of view of rainfall distribution the month of September, like August, divides itself into two periods. During the earlier period, which ended about the 16th, as many as three depressions advanced across northeast India. The first was the shallow depression which had crossed the Ganjam and Orissa coasts towards the end of August: this reached the neighbourhood of Benares on the 2nd September, remained stationary during the next 24 hours and then drifted eastwards to disappear over Bihar on the 4th. During this period widespread rain fell in the belt from the west of the United Provinces and of Central India to Assam and Bengal. The disappearance of this depression synchronised with the appearance of unsettled conditions in the north of the Bay; these developed into a depression near the Sandheads on the 5th, which, moving in a northwesterly direction, crossed the coast on the morning of the 7th and disappeared over the United Provinces on the 9th. It caused widespread rain in the Gangetic plain, the falls being particularly heavy in the United Provinces. According to newspaper reports, floods occurred in the Gumti and the Sone, the railway line was breached at several places between Dinapore and Arrah, and a mosque collapsed at Lucknow, resulting in the death of 7 persons. During the next two days rain was limited to scattered falls outside Lower Burma and Assam. The monsoon then strengthened in Upper Burma and northeast India, and the third depression of the month formed over southeast Bengal on the 13th; moving northwards, this disappeared over north Bengal on the 16th and caused heavy rain over the greater part of that province; between 8 hrs. on the 13th and 8 hrs. on the 17th Darjiling recorded 20", which was responsible for the landslips and breaches on the Darjiling Himalayan Railway. It is reported also that stormy weather prevailed near Goalundo and at Chittagong and Pabna, and that owing to floods in the Padma several villages were submerged and parts of Rajbari and Pabna were under water; a few boats capsized on the Padma, but there was apparently no loss of life. During this period very little rain fell in the Peninsula.

2. The second period, 17th to 30th, began with the setting in of thundery conditions in the Peninsula, which persisted to the end of the month and caused more or less widespread rain in the Deccan. Meanwhile the Bay monsoon weakened gradually, and from the 24th rainfall in its field was generally limited to a few scattered falls in northeast India and Burma.

3. Five disturbances from the west passed over north India during the month. The first three were feeble and caused local rain or a few falls in the extreme north between the 31st August and 4th September, on the 6th, and between the 14th and 16th respectively. The fourth disturbance was more active and produced local rain in the east and central Punjab, with a few falls in Kashmir and the North West Frontier Province, on the 23rd, and a few falls in Kashmir on the next day. The fifth disturbance was less marked than its predecessor and gave local rain in the north Punjab, Kashmir and the North-West Frontier Province between the 25th and 27th.

4. The rainfall of the month is in slight to moderate excess in Assam, the United Provinces East and the North-West Frontier Province, in moderate defect over most of the Peninsula and of the central parts of the country, and in Chota Nagpur, and in large defect in the United Provinces West and over most of northwest India. Averaged over the whole of India it was 1.7" or 22 per cent. in defect.

5. Maximum temperature was above normal in Rajputana on most days of the month, in Central India from the 17th to the 30th, in Chota Nagpur, Bihar and the United Provinces between the 18th and 22nd and again towards the end of the month, in the west of the Central Provinces on the 18th, 19th and between the 27th and 30th, in Gujarat on the last six days of the month, and in Mysore and south Hyderabad between the 8th and 11th ; it was, on the other hand, lower than usual in Assam between the 21st and 23rd, in the United Provinces East between the 8th and 10th, and in Berar between the 1st and 3rd.

### Summary of the local conditions.

*Burma, including the Bay Island.*—The month's rainfall was less than half the usual amount in the Bay Islands, but nearly normal in Burma. Other climatic elements were roughly normal.

*Northeast India, including Orissa.*—Rainfall was in moderate defect in Chota Nagpur, in slight excess in Assam, Bengal and Bihar, and nearly normal in Orissa. In Chota Nagpur the cloud proportion and humidity were in defect and maximum temperature was in appreciable excess.

*The United Provinces, Central India and the Central Provinces.*—The rainfall of the month was in moderate excess in the United Provinces East, in slight defect in Central India East and in moderate to large defect elsewhere. There was much less cloud than usual except in Berar and the Central Provinces East. Humidity was in defect in the western districts of each sub-division, and maximum temperature was in marked excess in these areas as well as in Central India East. Minimum temperature was lower than usual in the United Provinces West.

*Northwest India.*—Rainfall was in moderate excess in the North-West Frontier Province, in moderate defect in Kashmir, and in large defect elsewhere, the month being entirely rainless in Sind. Skies were less clouded than usual in Baluchistan, the Punjab, Rajputana and Gujarat ; in the last-named three sub-divisions humidity was low and maximum temperature was 2° to 5° above normal.

*The Peninsula.*—The month's rainfall was in slight defect in Mysore and the Bombay Deccan, and in moderate to large defect elsewhere. The cloud proportion was in defect on the west coast, and in Hyderabad North, Madras Southeast and the Madras Deccan. Maximum temperature was above normal in Mysore and Malabar.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions ; and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report ; the divisional means, Tables I and II, are based on these observations.

SIMLA ;

The 8th October 1925.

C. W. B. NORMAND,

for Director-General of Observatories.

Division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma .. ..	14.33	15.83	-1.50	-9	-0.3	+0.4	-1	+0.4
Assam .. ..	14.03	11.29	+2.74	+24	-1.7	-1.1	0	+0.9
Bengal .. ..	13.17	11.82	+1.35	+11	+0.1	+0.2	0	-0.1
Bihar and Orissa ..	9.09	9.45	-0.36	-4	+0.5	-0.1	-1	-0.6
United Provinces ..	6.11	6.72	-0.61	-9	+1.5	-1.3	-6	-0.8
Punjab .. ..	0.64	2.77	-2.13	-77	+1.4	-0.5	-8	-0.6
North-West Frontier Province	0.87	0.68	+0.19	+28	-0.1	+0.3	-3	-0.2
Sind .. ..	0	0.41	-0.41	-100	-0.7	-0.5	-2	+0.5
Rajputana .. ..	0.48	3.05	-2.57	-84	+4.6	+1.7	-15	-1.8
Bombay .. ..	2.45	6.02	-3.57	-59	+2.0	-0.2	-5	-1.0
Central India .. ..	3.63	6.03	-2.40	-40	+3.1	-0.7	-5	-1.3
Central Provinces ..	4.84	7.67	-2.83	-37	+1.8	+0.2	-4	-0.5
Hyderabad .. ..	3.68	7.52	-3.84	-51	+1.5	+0.6	-1	-0.3
Mysore .. ..	4.78	5.48	-0.70	-13	+2.5	+0.5	-3	0
Madras .. ..	2.75	5.58	-2.83	-51	+1.2	+0.8	-2	-1.1
Mean of India .. ..	5.93	7.61	-1.68	-22	+1.2	+0.1	-4	-0.5

Sub-division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
1. Bay Islands .. ..	7.94	18.07	-10.13	-56	+0.3	+0.3	-3	-0.8
2. Lower Burma .. ..	20.17	21.68	-1.51	-7	-0.1	+0.5	-2	+0.3
3. Upper Burma .. ..	6.83	7.48	-0.65	-9	-0.5	+0.3	0	+0.5
4. Assam .. ..	14.03	11.29	+2.74	+24	-1.7	-1.1	0	+0.9
5. Bengal .. ..	13.17	11.82	+1.35	+11	+0.1	+0.2	0	-0.1
6. Orissa .. ..	10.65	9.95	+0.70	+7	+0.4	+0.1	+1	-0.2
7. Chota Nagpur .. ..	4.60	8.79	-4.19	-48	+2.1	+0.1	-5	-1.5
8. Bihar .. ..	10.53	9.45	+1.08	+11	-0.1	-0.3	-2	-0.6
9. United Provinces, East ..	10.35	7.23	+3.12	+43	+0.1	-0.9	-3	-0.9
10. Do. do. West ..	2.47	6.27	-3.80	-61	+3.2	-1.9	-9	-0.8
11. Punjab, East and North ..	0.77	3.60	-2.83	-79	+2.2	-0.3	-10	-0.6
12. Do. Southwest ..	0.40	1.31	-0.91	-69	+0.1	-0.7	-5	-0.6
13. Kashmir .. ..	0.72	1.44	-0.72	-50	-1.1	-0.9	-1	+0.5
14. North-West Frontier Province	0.87	0.68	+0.19	+28	-0.1	+0.3	-3	-0.2
15. Baluchistan .. ..	0.04	0.25	-0.21	-84	-0.6	-2.4	+1	-0.9
16. Sind .. ..	0	0.41	-0.41	-100	-0.7	-0.5	-2	+0.5
17. Rajputana, West .. ..	0.23	1.97	-1.74	-88	+4.1	+1.6	-13	-2.1
18. Do. East .. ..	0.60	3.59	-2.99	-83	+4.9	+1.8	-16	-1.6
19. Gujarat .. ..	0.35	3.17	-2.82	-89	+2.5	-0.4	-8	-1.3
20. Central India, West ..	2.39	5.69	-3.30	-58	+3.4	-0.3	-10	-0.9
21. Do. do. East ..	4.87	6.37	-1.50	-24	+2.7	-1.1	-1	-1.6
22. Berar .. ..	1.41	5.95	-4.54	-76	+2.4	+1.0	-7	-0.5
23. Central Provinces, West ..	5.43	7.71	-2.28	-30	+2.2	-0.3	-6	-1.0
24. Do. do. East ..	5.65	8.46	-2.81	-33	+0.9	+0.4	0	+0.3
25. Konkan .. ..	2.68	11.02	-8.34	-76	+1.4	+0.5	-1	-1.3
26. Bombay, Deccan .. ..	4.75	6.01	-1.26	-21	+1.7	-0.4	-3	-0.3
27. Hyderabad, North ..	2.50	8.03	-5.53	-69	+1.3	+0.5	0	-0.8
28. Do. South .. ..	4.57	7.13	-2.56	-36	+1.6	+0.7	-2	0
29. Mysore .. ..	4.78	5.48	-0.70	-13	+2.5	+0.5	-3	0
30. Malabar .. ..	3.56	7.82	-4.26	-54	+2.0	+0.5	-1	-1.1
31. Madras, Southeast ..	1.93	3.93	-2.00	-51	+1.2	+0.9	-2	-1.3
32. Do. Deccan .. ..	3.08	5.84	-2.76	-47	+1.2	+0.9	-4	-1.8
33. Do. Coast, North ..	3.26	6.42	-3.16	-49	+0.7	+0.6	-1	-0.6

STATION.	PRESSURE.		WIND.		TEMPERATURE.							HUMIDITY.		CLOUD.		RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.
<b>BAY ISLANDS.</b>																				
Port Blair .. ..	29.784	+0.07	N. 89 W.	7.7	80.1	76.9	85.2	+0.3	87.2	76.9	+0.3	73.4	86	-3	6.9	7.94	-10.13	15	-5.0	1.63
<b>LOWER BURMA.</b>																				
Mergui .. ..	29.796	+0.26	S. 55 E.	3.8	77.8	76.1	85.1	+0.7	90.0	73.6	+0.8	71.3	93	-1	7.0	18.80	-7.63	20	-2.9	5.27
Tavoy .. ..	29.836	+0.21	N. 45 E.	1.0	77.4	76.0	84.4	+0.2	91.0	74.8	+0.6	72.6	93	0	7.9	26.39	-6.67	20	-2.6	4.70
Moulmein .. ..	29.758	+0.23	S. 60 E.	2.4	78.1	76.3	83.5	-1.3	89.3	75.3	+0.7	72.4	91	-1	9.2	36.05	+8.40	20	-1.8	8.69
Rangoon .. ..	29.811	+0.33	S. 44 W.	2.8	80.1	77.7	87.1	+1.2	92.8	76.5	+0.5	73.6	90	-2	8.8	14.31	-0.96	20	+0.3	1.95
Bassien .. ..	29.795	+0.38	S. 50 W.	2.8	79.7	77.3	87.2	+1.4	91.7	76.7	+0.6	73.7	89	-4	7.6	13.10	-2.10	16	-4.0	2.01
Diamond Island ..	29.771	+0.30	S. 71 W.	5.9	81.4	78.0	84.8	+0.1	87.4	77.9	+1.4	74.3	86	6	5.1	15.58	-2.40	11	-6.7	5.42
Yongoo .. ..	29.635	+0.07	..	..	80.1	76.8	87.7	-1.3	92.7	75.4	+0.2	73.2	86	-4	5.9	15.31	+3.23	16	-1.6	4.50
Kyaukpyu .. ..	29.763	+0.31	S. 33 E.	2.3	79.6	77.6	85.1	-0.8	87.3	76.8	+0.4	74.5	91	+2	8.5	22.10	+1.47	24	+4.0	3.85
Akyab .. ..	29.759	+0.24	S. 74 E.	7.4	80.1	77.2	84.9	-1.5	88.0	76.6	-0.8	74.1	87	-6	8.8	19.87	-2.70	18	-1.1	3.79
<b>UPPER BURMA.</b>																				
Mlabu .. ..	29.615	+0.15	S. 23 E.	3.5	80.6	77.5	91.0	+0.7	99.7	77.2	+0.5	75.0	86	+1	6.9	4.81	-1.39	10	+0.4	1.83
Kamethin .. ..	29.162	+0.33	..	..	78.9	75.9	90.1	-0.5	93.8	75.1	+0.4	73.1	87	0	5.9	7.81	+0.65	9	-1.6	2.15
Mandalay .. ..	29.544	+0.21	S. 14 E.	3.4	82.0	76.8	93.7	+0.6	99.4	77.0	-0.1	73.6	78	-4	6.1	2.44	-3.30	7	-1.6	0.93
Monywa .. ..	29.513	+0.23	S. 43 E.	2.3	81.3	78.0	91.6	-0.5	95.8	77.5	-0.3	72.6	86	0	7.8	4.11	-1.76	8	+0.1	1.50
Lasbio .. ..	27.036 (c)	+0.22	N. 75 E.	1.3	71.7	70.1	82.6	-1.1	88.7	69.0	+1.0	64.0	93	+2	9.0	6.30	-1.54	13	-0.7	1.41
Bhamo .. ..	29.405	+0.16	Calm (c)	0.6	77.9	76.2	88.8	-0.9	97.5	74.4	+0.3	71.5	93	+1	6.2	10.50	+0.61	14	+1.1	2.14
Mtyikyna .. ..	29.303	+0.27	N. 45 E.	1.3	76.6	75.1	86.9	-1.7	95.4	74.7	0	71.0	93	+2	9.1	11.82	+2.14	12	-0.6	3.24
<b>ASSAM.</b>																				
Dibrugarh .. ..	29.409	+0.16	S. 74 E.	0.9	75.3	73.9	82.3	-4.2	92.0	72.3	-2.4	67.0	93	+1	7.8	17.50	+5.32	21	+6.7	2.47
Sibsagar .. ..	29.443	+0.13	N. 53 E.	0.7	77.7	76.4	86.7	-0.9	94.6	74.7 (e)	-1.5	69.9	94	+1	9.5	14.73	+3.03	20	+5.4	2.86
Tezpur .. ..	29.515	+0.24	N. 43 E.	1.3	78.8	76.8	87.6	-1.0	94.2	76.4	-0.1	71.1	91	0	8.5	7.83	-0.35	19	+6.9	0.97
Saubati .. ..	29.568	+0.17	N. 47 E.	1.2	79.7	76.9	87.4	-2.1	93.1	75.4	-1.0	71.3	87	0	7.1	7.21	+0.39	8	-2.3	3.89
Dhubri .. ..	29.635	+0.16	S. 85 E.	3.9	79.7	77.1	84.6	-0.9	92.3	76.2	-1.0	71.5	88	-3	6.9	19.60	+5.13	16	+3.2	6.27
Ilchar .. ..	29.680	+0.24	S. 31 E.	0.9	79.2	77.5	89.0	-0.8	93.2	75.8	-0.4	71.2	93	+3	7.7	17.30	+2.89	21	+5.7	2.70
<b>BENGAL.</b>																				
Cox's Bazar .. ..	29.728	+0.29	S. 40 E.	3.3	80.5	78.2	86.4	-0.1	88.7	75.9	+0.4	72.9	90	0	5.3	16.20	+0.80	15	+0.4	2.35
Chittagong .. ..	29.671	+0.15	S. 50 E.	5.6	79.6	77.4	87.8	+0.9	90.2	76.5	+0.2	73.9	90	+1	7.0	19.60	+7.67	14	+1.2	5.37
Narayanganj .. ..	29.718	+0.17	S. 7 E.	2.6	82.7	79.6	88.9	+0.5	91.4	78.6	-0.1	73.9	86	-1	6.7	5.32	-4.31	10	-2.0	1.62
Barisal .. ..	29.729	+0.27	S.	1.6	82.6	79.7	88.4	+0.4	92.4	78.8	+0.8	73.1	87	-1	4.9	7.56	-3.59	10	-4.7	2.43
Cossore .. ..	29.702	+0.21	S. 21 E.	1.6	82.0	79.9	88.0	-1.2	90.7	78.9	+0.6	73.3	90	+2	7.4	17.05	+8.50	15	+3.2	7.35
Calcutta .. ..	29.695	+0.17	S. 26 W.	3.0	81.8	79.6	89.3	+1.1	93.1	79.1	+1.0	73.2	90	+3	6.8	7.47	-2.40	14	+0.8	1.05
Saugor Island ..	29.703	+0.21	S. 44 W.	11.1	84.2	80.1	87.8	-0.3	90.5	80.5	+1.0	75.9	83	-4	6.8	7.05	-3.71	10	-3.0	3.15
Burdwan .. ..	29.613	+0.11	S. 2 E.	0.9	82.7	79.1	90.3	+0.6	95.1	78.5	-0.2	72.0	85	-2	5.9	7.15	-1.45	8	-3.3	3.82
Berhampore .. ..	29.652	+0.14	S. 19 E.	2.8	82.9	79.8	90.9	+1.9	95.6	78.4	-0.2	74.2	87	-2	5.4	10.87	+0.75	13	+1.0	3.55
Mymensingh .. ..	29.685	+0.14	S. 59 E.	1.0	80.4	78.1	86.5	-1.2	91.0	77.3	-0.5	73.1	90	0	7.9	19.66	+5.92	22	+7.0	2.98
Bogra (c) .. ..	29.666	+0.19	S. 38 E.	1.7	81.5	79.3	88.6	0	94.0	77.5	-0.2	69.8	90	+2	6.7	12.66	+0.99	13	+0.2	2.76
Dinajpur .. ..	29.594	+0.03	S. 81 E.	2.8	81.6	78.8	87.7	-0.9	92.3	78.5	+0.7	70.6	88	-1	6.4	13.11	+0.81	14	+1.5	3.70
Jaipalguri .. ..	29.460	+0.03	S. 87 E.	1.3	77.8	76.4	87.2	-0.7	92.8	74.9	-0.8	71.9	94	+3	7.1	27.55	+7.61	22	+6.3	4.60
<b>ORISSA.</b>																				
Balasore .. ..	29.647	+0.20	S. 45 W.	2.2	83.3	79.4	90.1	+1.2	95.1	78.3	+0.5	74.4	83	-4	6.0	7.14	-4.58	5	-8.1	2.52
Hukitala (False Point) ..	29.700	+0.36	S. 32 W.	8.5	..	..	..	..	..	..	..	..	..	..	6.5	17.86	+7.86	11	-1.1	4.17
Cuttack .. ..	29.654	+0.42	S. 79 W.	1.9	81.4	78.5	89.7	-0.4	94.2	77.7	-0.4	76.2	87	+4	5.8	12.81	+3.24	12	-0.3	3.54
Sambalpur .. ..	29.244	+0.30	S. 47 W.	2.6	80.4	77.4	89.2	+0.4	94.0	77.1	+0.1	74.2	87	+3	5.5	4.81	-3.70	6	-5.3	1.31
<b>CHOTA NAGPUR.</b>																				
Chaibasa .. ..	28.966	+0.18	S. 38 W.	2.6	82.1	77.5	91.6	+2.2	95.1	76.4	+0.6	73.2	81	-5	4.6	2.52	-5.53	6	-5.4	0.81
Ranchi .. ..	27.610	+0.35	S. 82 W.	3.3	77.6	72.7	86.0	+1.9	92.1	71.7	-0.3	68.6	79	-5	4.3	5.67	-3.47	8	-3.9	1.61
Hazaribagh (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5.60	-3.58	9	-2.8	2.09	

(a) Reports only rainfall.

(c) Mean of 29 days.

(d) Mean of 28 days.

(f) Mean of 26 days.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY		LOUD.	RAINFALL.			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.							
<b>BIHAR.</b>																			
Purnea .. ..	29.584	-0.02	E.	1.0	81.8	78.8	88.5	-0.4	93.8	78.5	-1.0	73.8	88	-2	4.3	15.57	+3.13	15	+3.8
Darbhanga .. ..	29.541	+0.08	E.	2.3	82.0	78.3	88.6	-0.1	92.9	77.1	-1.3	74.4	85	-1	5.8	15.97	+7.01	11	+1.9
Fatna .. ..	29.513	+0.10	S 23 E.	4.1	83.1	78.7	89.6	+0.1	95.9	78.8	0	73.7	81	-2	5.3	4.80	-3.53	9	-0.2
Gaya .. ..	29.331	+0.17	S. 45 W.	3.0	82.2	77.1	90.4	-0.4	95.7	78.1	+0.3	73.5	79	-2	4.0	5.91	-2.03	11	+1.7
Naya Dumka .. ..	29.210	+0.05	S. 62 E.	1.3	82.5	78.6	89.4	+0.4	94.4	76.8	+0.3	73.2	84	-1	4.9	10.44	+0.88	11	-1.5
<b>UNITED PROVINCES, EAST.</b>																			
Gorakhpur .. ..	29.445	+0.13	N. 74 E.	1.0	81.8	77.1	91.7	+1.4	97.8	76.1	-1.1	69.8	80	-4	1.9	4.91	-3.16	10	-1.1
Benares .. ..	29.435	+0.03	S. 59 W.	2.3	82.0	77.2	90.8	-0.1	97.6	76.8	-0.3	73.3	80	-3	5.2	10.23	+3.11	10	+1.3
Allahabad .. ..	29.377	+0.03	N. 86 W.	2.9	81.1	76.2	90.7	-0.8	97.0	76.2	-0.7	71.2	79	-1	5.0	18.50	+12.83	12	+4.3
Cawnpore .. ..	29.282	+0.16	S. 87 W.	2.1	81.6	75.7	91.2	-0.9	97.8	75.2	-1.5	69.5	75	-5	2.4	13.48	+6.74	7	+0.1
Lucknow .. ..	..	..	S. 71 W.	1.6	81.6	76.8	91.8	0	97.2	75.6	-0.8	71.8	80	-1	3.5	11.04	+3.97	7	-0.8
Bahraich .. ..	29.273	-0.01	N. 65 W.	2.1	82.4	76.6	92.0	+0.9	97.2	75.8	-0.7	70.8	76	-5	2.4	3.97	-4.75	5	-1.9
<b>UNITED PROVINCES, WEST.</b>																			
Jhansi .. ..	28.884	+0.06	S. 58 W.	3.5	80.3	73.1	94.7	+2.9	100.8	75.0	-1.0	71.3	70	-5	2.2	2.63	-3.29	2	-5.1
Agra .. ..	29.142	+0.09	S. 73 W.	4.3	83.7	73.6	97.5	+4.4	102.1	73.5	-2.1	65.2	60	-20	2.7	0.93	-3.12	1	-4.4
Malnuri .. ..	29.175	+0.12	N. 67 W.	0.3	83.1	75.1	96.0	+3.2	103.0	73.3	-2.7	67.4	68	-10	2.9	3.56	-0.85	5	-0.9
Bareilly .. ..	29.126	+0.15	N. 70 W.	1.9	80.3	75.2	93.4	+2.6	98.3	74.0	-1.7	68.1	78	-4	4.0	6.82	-0.65	5	-1.6
Meerut (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.57	-5.50	2	-3.0	
Roorkee .. ..	28.798	+0.07	S. 63 E.	1.8	78.6	72.5	93.5	+2.9	96.8	71.2	-1.9	60.7	74	-7	2.2	0.10	-6.17	0	-5.7
Dehra Dun (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2.85	-7.07	5	-5.7	
<b>PUNJAB, EAST AND NORTH.</b>																			
Delhi .. ..	28.981	+0.14	N. 76 W.	2.8	83.4	72.2	97.1	+4.1	99.4	79.4	+2.3	73.1	58	-13	2.8	0	-4.78	0	-4.5
Hissar .. ..	28.968	+0.11	S. 61 W.	4.3	83.1	70.8	101.9	+4.0	104.3	76.0	+0.3	67.4	52	-14	1.2	0.10	-2.26	1	-2.0
Ambala .. ..	28.792	+0.02	S. 63 E.	2.4	81.8	72.8	96.9	+3.4	99.7	72.4	-1.3	62.1	64	-15	1.7	0.80	-3.80	2	-2.6
Ludhiana .. ..	28.874	+0.03	N. 73 W.	1.4	81.0	71.6	99.1	+4.8	102.4	74.2	-1.0	63.4	61	-13	0.9	0.19	-4.05	1	-2.9
Labore .. ..	28.976	+0.06	S. 67 E.	1.1	81.5	72.8	99.3	+1.4	103.1	74.1	+0.3	64.4	64	-6	0.8	0.05	-2.31	0	-2.6
Sialkot .. ..	28.856	+0.07	N. 45 E.	1.3	77.6	71.3	93.2	-1.7	96.9	71.9	-1.9	60.5	72	-1	2.5	2.40	-0.97	2	-1.6
Bawalpindi .. ..	28.056	+0.20	N. 63 E.	1.6	78.3	68.4	92.7	-0.7	98.8	68.3	-0.8	56.5	59	-10	2.2	1.87	-1.59	7	+2.6
<b>PUNJAB, SOUTH-WEST.</b>																			
Khushab .. ..	29.084	+0.20	N. 71 E.	5.5	84.0	72.1	99.0	+0.2	105.6	75.6	-0.5	60.6	54	-7	1.0	0.97	-0.34	2	0
Lyallpur .. ..	29.062	+0.07	S. 18 E.	2.1	81.4	71.9	98.4	+0.9	103.9	73.9	-0.5	65.5	61	-5	1.7	0.3	-1.37	1	-1.6
Montgomery .. ..	29.122	+0.14	S. 21 W.	2.3	84.8	71.7	98.7	-1.2	102.8	74.7	-1.1	65.3	50	-7	0.6	0	-1.53	0	-1.8
Multan .. ..	29.246	+0.20	S. 11 W.	2.3	82.5	74.3	101.1	+0.7	104.8	76.9	-0.8	70.8	66	+1	0.2	0	-0.41	0	-0.7
<b>KASHMIR.</b>																			
Srinagar .. ..	24.821	+0.10	N. 24 W.	1.7	62.9	57.9	79.0	-0.6	87.3	53.3	-0.9	41.1	74	-9	3.9	1.19	-0.41	3	-0.8
Gulmarg .. ..	21.852	+0.11	N. 45 E.	2.3	54.9	50.4	63.1	-0.6	71.3	42.2	-0.7	31.3	75	-1	4.0	2.01	-0.76	9	+3.4
Sonamarg (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.33	-2.14	7	-0.5	
Dras .. ..	20.785	+0.04	N. 67 W.	6.6	50.1	43.4	66.9	-2.3	74.7	40.9	+0.8	28.0	62	-1	3.0	0	-0.91	0	-1.6
Leh .. ..	19.703	-0.03	S. 45 W.	1.4	49.1	41.3	69.0	-1.1	76.9	42.4	+0.7	32.1	54	+4	4.0	0.23	-0.03	0	-0.7
Skardu .. ..	22.796	-0.11	Calm	1.9	60.3	50.2	78.7	+0.5	88.6	51.2	-2.6	42.9	50	-7	3.2	0.11	-0.61	0	-1.2
Gilgit .. ..	25.049	+0.14	S. 45 W.	0.6	68.0	59.1	84.5	-2.8	93.2	61.2	-2.4	49.6	59	+7	3.7	0.19	-0.18	1	-0.2
<b>NORTH-WEST FRONTIER PROVINCE.</b>																			
Peshawar .. ..	28.803	+0.13	N. 23 W.	0.6	77.6	69.9	95.7	-0.2	102.6	71.0	+0.3	62.0	67	+1	1.6	1.75	+0.94	1	-0.6
Dera Ismail Khan .. ..	29.111	+0.26	N. 31 E.	1.2	83.4	73.9	99.6	-0.1	103.7	75.7	+0.4	67.8	62	-7	0.4	0	-0.55	0	-0.9
<b>BALUCHISTAN.</b>																			
Fort Sandeman .. ..	25.326	+0.38	N. 18 E.	1.5	69.8	58.9	94.1	+1.5	100.5	64.1	-1.1	55.2	52	-2	0.8	0	-0.64	0	-1.4
Harnai (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.29	-0.88	2	-0.3	
Quetta .. ..	24.583	+0.18	Calm	1.2	52.7	44.8	84.8	-1.1	91.2	44.4	-5.1	37.3	52	+8	0	0	-0.07	0	-0.2
Chaman .. ..	25.592	0	S. 30 E.	5.8	69.9	53.2	90.2	-0.4	96.5	60.7	-2.0	52.2	31	-5	0	0	0	0	
Kalat .. ..	23.700	+0.32	S.	5.0	51.2	42.8	82.4	-2.1	90.1	44.1	+2.4	37.0	50	+6	0	0	-0.05	0	-0.1
Dalbandin .. ..	26.998	+0.23	N. 11 E.	2.8	67.1	51.9	99.3	-0.2	105.5	59.5	-2.1	52.8	30	0	0.1	0	0	0	
Pasni .. ..	29.765	+0.34	N. 78 W.	6.7	74.6	73.1	87.0	-2.9	91.1	66.1	-5.6	61.7	98	+7	0	0	-0.01	0	0
Panjgur .. ..	26.637	+0.31	N. 64 E.	3.1	64.7	54.9	95.8	+0.8	101.1	61.5	-3.1	57.0	52	+1	0.1	0	-0.07	0	-0.3

(a) Reports only rainfall.

(c) Mean of 29 days.

(d) Mean of 28 days.

(e) Mean of 22 days.

TABLE III, SEPTEMBER.

STATION.	PRESSURE.		WIND.		TEMPERATURE.							HUMIDITY.		Cloud	RAINFALL.						
	1	2	3	4	5		6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.	
<b>SIND.</b>																					
Jacobabad .. ..	29.511	+0.038	S. 54 E.	2.4	83.6	74.7	101.5	-2.1	105.5	76.0	-0.5	67.4	65	-5	0.2	0	-0.21	0	-0.4	0	
Hyderabad .. ..	29.627	+0.041	S. 33 W.	8.7	81.5	73.6	97.8	+0.6	103.7	75.5	-0.7	72.3	67	-2	0.6	0	-0.60	0	-0.8	0	
Karachi .. ..	29.759	+0.043	N. 86 W.	10.2	78.8	75.1	85.1	-0.6	88.3	76.3	-0.2	72.1	83	+1	7.4	0	-0.42	0	-0.6	0	
<b>RAJPUTANA, WEST.</b>																					
Bikaner .. ..	28.947	+0.028	S. 80 W.	6.4	84.9	72.5	102.5	+4.3	106.6	79.6	+1.0	74.9	53	-12	0.5	0.45	-1.02	1	-1.2	0.45	
Jodhpur .. ..	28.975	+0.033	S. 60 W.	3.1	82.4	71.0	98.7	+3.9	104.6	77.7	+2.2	72.8	55	-13	1.4	0	-2.46	0	-2.8	0	
<b>RAJPUTANA, EAST.</b>																					
Jalpur .. ..	28.325	+0.030	W.	3.0	83.2	70.8	98.5	+4.6	102.5	75.0	+1.4	68.6	52	-17	2.5	0.47	-2.94	1	-3.9	0.40	
Ajmer .. ..	28.134	+0.010	S. 69 W.	1.9	77.8	68.1	94.5	+4.2	99.0	76.7	+2.2	70.0	60	-15	1.2	0.05	-2.62	0	-3.9	0.05	
Kotah .. ..	28.897	+0.022	N. 85 W.	1.5	86.5	73.3	98.5	+5.9	103.6	78.7	+1.7	76.6	51	-16	2.1	0.03	-3.48	1	-4.5	0.87	
Udaipur (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.96	-2.90	2	-3.2	0.65	
<b>GUJARAT.</b>																					
Deesa .. ..	29.330	+0.047	S. 84 W.	6.8	82.7	72.3	99.1	+5.7	107.7	72.4	-1.7	64.8	59	-18	2.3	0	-3.54	0	-3.7	0	
Bhuj .. ..	29.457	+0.046	S. 65 W.	11.0	80.9	73.1	93.6	+1.6	101.6	74.2	-0.5	70.1	68	-10	3.8	0	-1.88	0	-2.2	0	
Dwarka .. ..	29.771	+0.040	S. 79 W.	7.8	79.9	75.8	84.9	-0.6	87.1	77.3	-0.4	74.8	82	-1	4.7	0.75	-0.31	1	-0.9	0.67	
Rajkot .. ..	29.359	+0.030	S. 77 W.	8.0	79.9	72.9	96.8	+5.1	103.0	72.1	-0.2	68.3	70	-10	3.7	0	-3.78	0	-5.0	0	
Veraval .. ..	29.812	+0.049	N. 73 W.	8.2	79.7	75.6	84.5	+1.0	86.4	76.9	+0.4	73.6	82	-4	4.1	0.58	-1.73	2	-1.0	0.25	
Surat .. ..	29.795	+0.051	S. 42 W.	1.6	81.6	75.4	90.4	+1.7	101.5	75.8	+0.1	73.4	74	-8	6.0	1.14	-4.75	4	-3.1	0.40	
Ahmadabad .. ..	29.657	+0.053	N. 68 W.	3.8	80.9	73.4	96.1	+3.2	105.4	75.6	-0.5	71.7	70	-8	2.5	0	-3.73	0	-4.5	0	
<b>CENTRAL INDIA, WEST.</b>																					
Neemuch .. ..	28.160	+0.041	W.	5.8	79.2	72.0	91.3	+3.2	98.9	71.0	0	68.6	70	-10	3.1	2.49	-2.36	4	-2.4	1.57	
Indore .. ..	27.974	+0.038	N. 85 W.	3.9	76.2	70.2	89.0	+3.6	95.6	69.5	-0.6	66.1	74	-10	5.7	2.29	-4.24	4	-4.4	1.46	
<b>CENTRAL INDIA, EAST.</b>																					
Nowgong .. ..	28.962	+0.023	S. 85 W.	1.5	78.5	74.7	95.7	+5.8	102.7	72.6	-2.3	66.5	83	+1	3.1	1.21	-4.72	3	-4.1	0.46	
Sutna .. ..	28.667	+0.026	S. 78 W.	2.0	79.4	74.7	87.4	-0.4	82.8	74.7	0	71.6	80	-2	4.0	8.52	+1.71	7	-1.8	4.80	
<b>BERAR.</b>																					
Akola .. ..	28.861	+0.042	N. 70 W.	3.8	79.0	72.1	92.4	+2.9	98.8	73.8	+1.0	71.2	71	-7	5.4	1.15	-4.54	4	-3.0	0.36	
Amraoti (c) .. ..	28.572	+0.051	S. 64 W.	3.9	78.9	72.8	90.2	+1.9	95.2	73.2	+1.0	69.9	74	-7	5.7	1.66	-4.55	5	-3.2	0.45	
<b>CENTRAL PROVINCES, WEST.</b>																					
Khandwa .. ..	28.745	+0.045	N. 81 W.	5.4	79.5	71.8	93.5	+5.2	102.4	72.9	-0.2	70.0	68	-13	5.5	0.45	-5.52	2	-5.3	0.29	
Hoshangabad .. ..	28.776	+0.053	S. 86 W.	0.8	77.8	73.6	90.2	+2.7	96.5	72.6	-0.4	70.0	82	-3	4.2	2.85	-5.53	4	-5.4	1.60	
Saugor .. ..	27.944	+0.035	W.	4.3	77.6	71.7	88.1	+1.6	93.2	70.1	-1.4	66.8	75	-6	3.7	3.69	-3.25	7	-2.2	1.00	
Jubbulpore .. ..	28.402	+0.027	S. 80 W.	2.0	78.3	73.5	88.6	+1.4	94.9	72.3	-0.5	69.9	79	-5	3.1	12.09	+4.42	8	-1.7	4.40	
Seoni .. ..	27.737	+0.039	N. 72 W.	2.2	77.0	72.0	86.0	+0.9	89.6	70.7	+0.4	68.1	78	-3	4.2	9.77	+0.73	11	-0.3	2.23	
Nagpur .. ..	28.745	+0.046	N. 59 W.	3.4	79.8	72.8	90.4	+1.3	93.8	74.4	+0.6	71.6	71	-8	5.3	3.76	-4.49	9	-1.8	1.08	
<b>CENTRAL PROVINCES, EAST.</b>																					
Pendra .. ..	27.712	+0.034	N. 78 W.	2.1	77.5	73.2	86.1	+1.4	89.5	71.5	+0.3	67.8	81	0	5.5	7.79	+1.63	11	+1.2	2.10	
Raipur .. ..	28.758	+0.030	S. 57 W.	2.8	79.3	76.3	88.3	+0.3	92.7	75.4	+0.5	71.9	87	+3	5.4	6.19	-1.24	7	-3.2	3.10	
Chanda .. ..	29.139	+0.044	N. 87 W.	3.3	80.0	75.0	90.3	+1.3	94.5	74.7	+0.3	72.2	79	-3	5.3	1.95	-7.23	7	-3.6	0.50	
Jagdapur .. ..	27.958	+0.041	S. 68 W.	2.7	76.4	73.7	85.9	+0.6	88.6	71.8	+0.4	70.0	87	+1	5.9	6.68	-4.40	9	-4.9	2.77	
<b>KONKAN.</b>																					
Bombay .. ..	29.809	+0.040	S. 88 E.	5.3	79.7	76.2	86.8	+1.8	90.6	77.5	+0.6	74.8	84	-3	6.1	3.52	-6.98	8	-4.7	1.33	
Ratnagiri .. ..	29.643	+0.041	N. 75 E.	4.5	79.0	75.5	84.2	+0.1	87.8	75.2	+0.5	72.4	84	-2	5.2	3.14	-8.94	7	-7.9	0.85	
Marmagao (c) .. ..	29.810	+0.037	S. 24 E.	3.0	..	..	..	..	..	..	..	..	..	..	6.1	2.25	-7.22	8	-7.1	0.49	
Karwar .. ..	29.824	+0.035	N. 72 W.	1.4	77.4	75.7	85.1	+2.3	87.2	74.5	+0.4	72.1	92	+2	3.9	1.82	-10.21	7	-8.5	0.42	
<b>BOMBAY DECCAN.</b>																					
Malegaon .. ..	28.386	+0.046	S. 73 W.	4.8	77.6	70.9	90.9	+2.2	97.1	69.8	-0.4	64.2	71	-5	4.9	2.01	-3.88	3	-4.6	1.33	
Ahmadnagar .. ..	27.694	+0.047	N. 58 W.	3.9	74.6	69.0	87.0	+0.8	91.7	66.4	-1.5	61.1	75	-3	5.4	6.26	-0.10	9	+0.5	3.75	
Poona .. ..	27.992	+0.040	S. 72 W.	3.8	74.2	68.9	86.8	+2.2	93.0	67.7	-0.9	64.3	76	-6	6.8	7.39	+2.55	7	-0.5	2.65	
Sholapur .. ..	28.265	+0.051	N. 46 W.	5.7	75.4	70.1	89.9	+2.7	94.2	70.7	-0.1	68.0	76	-1	3.9	8.22	+0.24	10	+1.0	2.10	
Bijapur .. ..	27.897	+0.046	N. 66 W.	5.7	75.1	70.2	87.5	+0.5	92.5	69.8	0	67.3	78	-2	4.4	2.26	-3.88	7	-1.9	0.95	
Belgaum .. ..	27.320	+0.041	S. 81 W.	3.1	70.0	68.2	81.1	+1.8	85.9	65.8	+0.3	62.6	90	0	9.2	2.39	-2.49	8	-1.4	0.48	
<b>HYDRABAD, NORTH.</b>																					
Aurangabad .. ..	27.930	+0.039	N. 89 W.	7.1	74.7	69.3	88.2	+1.6	93.9	69.4	+0.4	66.4	76	-1	7.5	1.66	-4.87	3	-5.6	0.94	
Farbhani (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2.80	-5.64	7	-4.0	1.46	
Nizamabad .. ..	28.548	+0.056	N. 51 W.	1.0	77.1	72.7	88.7	+1.1	92.5	78.3	+0.7	70.2	81	+1	3.0	3.04	-6.08	5	-4.8	1.28	

(a) Reports only rainfall.

(c) Mean of 29 days. (d) Mean of 28 days.

(e) Mean of 27 days.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Cloud	RAINFALL.					Heavies fall in month.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.		
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	High-est in month.	Mean.	Departure from normal.	Low-est in month.									
<b>HYDERABAD, SOUTH.</b>																					
Gulbarga .. .. .	28.321	+0.047	N. 63 W.	6.9	75.7	70.3	90.3	+1.8	96.2	71.7	+0.3	64.7	76	-3	6.9	7.49	+0.01	10	-0.7	2.0	
Rajchur .. .. .	28.514	+0.046	N. 54 W.	5.6	78.3	71.9	91.9	+3.0	95.8	73.9	+1.4	70.2	73	-1	3.7	1.07	-6.12	4	-6.3	0.5	
Hyderabad .. .. .	28.100	+0.053	N. 78 W.	3.6	76.8	71.7	87.7	+1.3	90.9	72.3	0	69.1	77	-4	6.1	3.49	-3.55	7	-2.3	1.0	
Hanamkonda .. .. .	28.909	+0.050	N. 51 W.	2.6	79.2	74.8	88.8	+0.2	92.4	75.9	+1.0	70.2	80	+4	6.9	6.21	-0.62	7	-1.7	1.6	
<b>MYSORE.</b>																					
Chitaldrug .. .. .	27.467	+0.041	S. 84 W.	1.1	72.3	67.6	86.4	+2.5	90.0	68.3	+0.7	64.8	78	-4	9.4	2.68	-1.79	5	-2.7	1.1	
Bangalore .. .. .	26.891	+0.039	W.	4.9	71.5	67.5	85.1	+2.8	87.6	66.2	+0.6	62.4	80	-5	6.9	6.32	-0.66	9	-0.4	2.4	
Mysore .. .. .	27.373	+0.030	S. 60 W.	3.0	72.2	68.2	86.3	+2.1	90.0	68.6	+0.1	62.0	81	0	6.8	5.33	+0.35	7	-1.7	..	
<b>MALABAR.</b>																					
Mangalore .. .. .	29.801	+0.018	N. 74 E.	3.6	79.5	75.9	86.7	+2.4	88.8	74.5	+0.4	72.5	85	-2	6.0	1.90	-9.52	6	-9.3	0.1	
Calicut .. .. .	29.842	+0.018	N. 39 W.	4.2	80.2	76.8	87.7	+3.9	91.8	75.2	+0.7	72.1	85	-5	6.8	2.55	-5.18	6	-5.4	1.1	
Cochin .. .. .	29.877	+0.025	N. 30 E.	3.8	80.2	76.6	86.0	+1.0	89.7	75.6	+1.0	72.9	84	-1	5.0	4.20	-4.78	9	-5.0	0.1	
Trivandrum .. .. .	29.670	+0.015	N. 11 W.	6.1	78.1	74.7	83.8	+0.7	87.0	75.1	+0.1	72.0	85	+2	5.2	5.39	+1.45	4	-3.7	3.1	
<b>MADRAS, SOUTH EAST.</b>																					
Tinavelly (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.25	-1.05	1	-0.9	0.1	
Pamban .. .. .	29.792	+0.026	S. 9 W.	6.0	81.5	77.2	88.4	-0.9	90.2	78.5	+0.1	77.0	82	+4	2.9	0	-1.20	0	-2.1	..	
Madura .. .. .	29.373	+0.019	N. 30 W.	3.2	80.3	73.1	97.0	+2.1	100.3	76.9	+1.4	72.8	70	+1	5.8	4.03	-1.08	4	-2.7	2.1	
Negapatam .. .. .	29.803	+0.041	S. 70 W.	5.7	83.2	76.2	93.4	+0.8	97.3	78.9	+2.1	75.1	71	-5	4.6	0.25	-3.52	1	-5.2	0.1	
Trichinopoly .. .. .	29.588	+0.041	S. 77 W.	4.2	84.2	75.5	99.3	+4.1	102.4	77.0	+1.2	72.0	65	-6	3.7	1.68	-3.15	2	-4.4	1.1	
Coimbatore .. .. .	28.516	+0.042	S. 25 W.	3.7	77.5	73.6	88.0	-1.1	91.2	70.3	-0.5	67.5	83	0	3.7	3.49	+1.98	5	+1.6	1.1	
Salem .. .. .	28.935	+0.042	S. 40 W.	3.1	79.5	73.8	95.5	+4.0	99.6	73.9	+1.4	70.6	75	-5	3.5	4.29	-2.30	9	0	0.1	
Cuddalore .. .. .	29.797	+0.050	S. 48 W.	6.0	82.2	76.2	91.4	-0.8	95.7	77.2	+0.8	72.8	75	-4	3.2	2.04	-4.02	2	-5.0	1.1	
Madras .. .. .	29.801	+0.050	S. 27 W.	4.6	83.6	77.4	94.2	+1.1	99.9	77.9	+0.7	74.2	74	-4	4.3	1.35	-3.04	1	-6.1	1.1	
<b>MADRAS DECCAN.</b>																					
Cuddapah .. .. .	29.407	+0.051	N. 24 W.	..	82.1	74.5	93.3	-0.2	96.8	77.8	+1.7	73.4	69	-5	5.9	2.96	-3.31	5	-3.7	1.1	
Bellary .. .. .	28.362	+0.045	N. 72 W.	5.8	78.1	70.9	93.1	+2.4	96.5	73.2	+0.3	69.0	70	0	2.8	5.39	+0.31	5	-2.7	2.1	
Kurnool .. .. .	28.893	+0.042	S. 89 W.	2.2	79.2	72.4	91.4	+1.5	96.3	74.5	+0.7	71.5	71	-7	5.9	0.89	-5.28	3	-6.6	0.1	
<b>MADRAS COAST, NORTH.</b>																					
Nellore .. .. .	29.755	+0.066	S. 66 W.	2.9	86.0	76.5	96.0	+1.4	101.1	79.3	+1.6	75.8	64	-10	5.0	0.19	-4.56	1	-5.4	0.1	
Masulipatam .. .. .	29.783	+0.051	S. 86 W.	4.5	83.0	77.6	91.2	+0.4	95.7	78.1	+0.6	73.1	78	-5	4.1	1.84	-4.36	4	-5.4	0.1	
Cocanada .. .. .	29.756	+0.057	S. 88 W.	4.5	82.8	78.9	90.8	+0.9	95.2	78.7	+0.3	75.5	83	0	6.8	5.05	-0.70	8	-0.4	2.1	
Vizagapatam .. .. .	29.723	+0.054	N. 72 W.	6.7	83.3	79.1	89.0	+0.6	94.0	79.3	+1.2	76.1	82	+3	7.0	3.98	-2.54	8	-0.5	1.1	
Calingapatam .. .. .	29.736	+0.054	S. 89 W.	5.0	82.4	78.9	90.5	+0.4	94.0	78.5	+0.1	75.0	85	0	5.3	0.67	-7.12	2	-7.1	0.1	
Gopalpur .. .. .	29.690	+0.047	N. 28 W.	5.0	83.0	80.3	89.2	+0.8	95.3	78.4	-0.1	75.0	89	+4	4.7	7.85	+0.34	6	-3.6	3.1	
<b>HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN.</b>																					
Maymyo .. .. .	26.344	+0.011	S. 85 W.	1.7	71.1	69.1	78.4	+1.0	85.2	65.4	+0.7	59.8	91	0	5.0	7.67	-2.50	15	-0.3	2.1	
Shillong .. .. .	25.055	+0.008	S. 37 W.	1.9	67.9	63.7	73.4	-1.0	77.7	60.5	-1.2	54.0	79	-5	6.8	7.17	-3.56	13	-4.6	1.1	
Cheerapunji .. .. .	25.628	+0.022	S. 15 W.	5.0	67.0	65.2	71.7	-1.7	78.0	63.2	-1.1	54.5	91	+1	8.9	42.64	+4.66	22	+3.1	6.1	
Darjiling .. .. .	22.914	-0.005	N. 35 W.	2.1	59.1	58.0	65.6	+0.2	71.2	58.0	+0.1	51.8	94	+1	8.7	34.51	+16.13	16	-1.2	8.1	
Mukteswar .. .. .	22.804	+0.008	N. 87 W.	5.6	58.6	53.5	66.8	-1.6	71.0	55.1	+0.3	51.3	73	-10	3.6	4.17	-3.39	9	-0.4	1.1	
Mussoorie (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6.24	-10.32	10	-3.1	2.1	
Chakrata .. .. .	23.395	+0.064	N. 60 E.	6.2	62.7	57.7	69.6	+0.5	72.3	56.7	-0.3	51.3	75	-8	3.6	1.47	-5.43	4	-4.3	0.1	
Simla .. .. .	23.078	+0.021	N. 1 E.	3.5	60.0	53.5	66.1	+0.3	69.0	56.6	0	52.2	66	-11	3.2	2.89	-3.31	6	-2.9	0.1	
Dalhousie (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.87	..	4	..	0.1	
Murree .. .. .	23.945	+0.019	S. 53 E.	3.9	64.2	55.8	71.3	-1.6	76.0	58.4	-0.2	48.0	60	-7	3.6	5.53	-0.08	7	-0.1	1.1	
Cherat .. .. .	25.654	+0.039	N. 63 E.	5.5	71.8	60.7	84.4	+0.1	90.1	67.1	+1.5	56.0	52	-7	2.0	0.78	-1.38	2	-1.0	0.1	
Parachinar (c) .. .. .	24.397	+0.019	Calm	0.6	70.3	59.1	81.1	0	88.0	57.5	-1.2	47.1	53	0	0.8	2.56	+0.36	7	+2.3	1.1	
Drosh .. .. .	24.933*	-0.040	Calm	1.9	67.0	53.5	86.2	-2.4	96.1	64.6	-0.1	51.0	60	+8	3.0	0.14	-0.49	0	-1.7	0.1	
Mount Abu .. .. .	25.961	+0.031	S. 56 W.	5.5	70.1	62.6	78.0	+2.8	85.9	65.4	+0.6	61.4	68	-11	2.8	0	-8.96	0	-7.8	..	
Pachmarhi .. .. .	26.853	+0.040	N. 67 W.	3.8	71.1	66.9	79.7	+2.2	85.1	65.0	-1.2	59.3	81	-3	4.6	5.15	-8.66	8	-5.0	1.1	
Meraora .. .. .	26.153	+0.016	N. 73 W.	4.2	65.2	63.6	73.7	+1.8	73.9	61.5	-0.1	53.5	92	-2	9.5	5.78	-5.04	11	-7.1	0.1	
Kodalkanal .. .. .	22.766	+0.019	S. 80 E.	5.4	57.5	54.1	65.7	+1.9	69.8	51.7	-0.5	47.9	81	+1	5.3	10.29	+3.04	16	+3.3	2.1	
<b>CAYLON.</b>																					
Colombo (e) .. .. .	29.846	+0.008	S. 43 W.	3.1	76.3	74.1	87.4	+1.2	89.3	75.0	1.7	71.3	90	+6	6.4	12.11	+7.23	7	-1.4	5.1	

\* Anemoid

(\*) Reports only rainfall.

(c) Mean of 29 days.

(d) Mean of 28 days.

# MONTHLY WEATHER REPORT

FOR

October 1925.

Supplement to the Indian Daily Weather Report for the 13th November 1925.

*Published by order of the Governor-General in Council.*

*Summary.*—Winter conditions set in early in northwest India and western disturbances were during the month not only more numerous than usual, but were remarkably active. The northeast monsoon began in the south of the Peninsula about ten days before the normal date and was unusually active, and, owing to an abnormal type of pressure distribution which prevailed from the 8th to 13th and to a depression which passed into Upper Burma, gave heavy rain for the time of year also in Hyderabad, Orissa and Bengal.

On the last day of September there were local thundershowers in south and central Burma, and the Peninsula, with a few falls of rain in Bengal. Later, rainfall ceased in the north of the Peninsula, but increased in the south of this division, and on the 3rd October the northeast monsoon set in fairly vigorously on the Coromandel coast. On the 4th rainfall extended as far north as Saugor Island and increased markedly in Malabar, and by the morning of the next day a depression had formed with centre near Lat.  $14^{\circ}$  N. Long.  $85^{\circ}$  E. Although it produced locally heavy rain on the north Madras and Orissa coasts on the 5th and 6th, and caused a considerable extension into the interior of the Peninsula, it failed to develop and had by the morning of the 8th become merged in a trough of low pressure stretching from the Andamans across the Peninsula to the Arabian Sea. This area of unsettled weather persisted till the 13th and caused more or less widespread rainfall in the Peninsula, Burma and Bengal; the falls were locally heavy on the north Madras and Orissa coasts, Gopalpur receiving 20" between 8 hrs. of the 8th and 8 hrs. of the 13th.

2. The observations of the morning of the 14th indicated the splitting up of the belt of unsettled weather in the Bay into two depressions, one off Masulipatam and the other near Table Island, the latter being the smaller but more concentrated. The former moved northeastwards, intensifying at the same time, and developed by the morning of the 16th into a deep depression with centre about a hundred miles east of the Sandheads. It then moved in a southeasterly direction and passed into Upper Burma; it caused widespread rain in northeast India and Upper Burma. At Calcutta the rainfall was so heavy that many of the streets were flooded.

3. The depression near Table Island remained concentrated, and moved northeastwards, like a true secondary, along the isobars of the larger depression. By the morning of the 15th it had intensified into a small storm and had caused heavy rain at Diamond Island; at 19 hrs. its centre was about 60 miles southeast of Diamond Island. The S. S. Jalavihar, bound for Rangoon, encountered in the eastern quadrant of the storm a moderate gale between 16 and 20 hrs. of the 15th and again from 4 to 8 hrs. on the 16th when the centre probably lay over the mouths of the Irrawady. According to newspaper reports, severe gales occurred at Rangoon on the night of the 15th-16th, the wind reaching its highest velocity at midnight and causing considerable damage in the city and to shipping in the river. The storm appears to have dissipated rapidly on the 16th, when moving overland. Thereafter rainfall continued locally in Bengal and Assam till the 20th. In the south of the Peninsula and of Burma very little rain fell between the 18th and 20th, and while there was no improvement in the latter area, the northeast monsoon strengthened materially and more or less abundant rain fell in south Madras during the remaining days of the month.

4. As many as seven disturbances of the winter type affected northwest India. The first of these passed through Persia on the 1st and is reported to have caused on the night of that day high winds in the Persian Gulf in the neighbourhood of Bahrein. Occasional evening squalls in connection with western disturbances are expected in the Persian Gulf after the middle of October, but the squall referred to, having occurred at the beginning of the month, was possibly not anticipated and to this circumstance may be due the unusual damage to the pearling boats. This disturbance was feeble when it reached India and produced between the 1st and 3rd light local rain in the North-West Frontier Province,

with a few falls in Kashmir. The second western disturbance was slightly more marked and caused light to moderate local rain in the extreme north on the 5th and 6th. The third disturbance reached the extreme north on the 9th, but did not give any precipitation. The fourth was much better marked, was preceded by a warm wave, and followed a more southerly track than usual. It produced fairly widespread rain in the Punjab-Kumaon hills and in the submontane districts from Rawalpindi to Gorakhpur on the 17th, and local rain in the central parts of country on the 18th; it was also responsible for the persistence of wet weather in Assam and parts of Bengal on the 19th and 20th. The fifth disturbance was feeble and gave only a few falls in the north Punjab hills and Kashmir on the 21st and 22nd. The sixth disturbance, the most active of the series, produced between the 25th and 27th widespread rain in the North-West Frontier Province, the east and north Punjab and the Kumaon hills, with local falls in Kashmir. The last disturbance of the month was well-marked and gave between the 28th and 30th fairly general rain from northeast Baluchistan to Kashmir.

5. The rainfall of the month, averaged over the whole reporting area from Seistan to Baghdad, was more than eight times the normal; it was upwards of six and half times the average amount in the North-West Frontier Province and Baluchistan, and was also in large excess in Orissa, the Punjab Southwest, Hyderabad South and the Madras Coast North.

6. Maximum temperature was below normal in Upper Burma and the greater part of northeast India between the 8th and 18th, in the Punjab, the North-West Frontier Province and Baluchistan from the 26th to the end of the month, in Hyderabad South between the 6th and 14th, in the Madras Deccan between the 4th and 9th and again on the 13th and 14th, and in the Madras Coast North between the 4th and 14th; it was above normal in Baluchistan and Sind between the 12th and 16th, and in Rajputana, Gujarat and the central parts of the country on many days in the month. Minimum temperature was also high in the central parts of the country in the last week of the month, and over a very large part of northwest India on most days in the second fortnight.

### Summary of the local conditions.

*Burma, including the Bay Islands.*—The month's rainfall was in slight defect in the Bay Islands and in slight excess in Upper Burma. Skies were more clouded than usual in Lower Burma.

*Northeast India, including Orissa.*—The total rainfall was more than two and half times the normal amount in Orissa; it was in moderate excess in Bengal, nearly normal in Chota Nagpur, in slight defect in Assam, and in considerable defect in Bihar. Skies were more clouded than usual in Orissa.

*The United Provinces, Central India and the Central Provinces.*—Rainfall was in slight defect in the Central Provinces East and in moderate to large defect elsewhere. There was more cloud than usual in the Central Provinces East and less cloud in the United Provinces. Maximum temperature was above normal except in the east of the United and Central Provinces; the minimum was also somewhat high in Central India West and Berar.

*Northwest India.*—The month's rainfall was nearly nine times the normal in the North-West Frontier Province, more than six and a half times in Baluchistan, and nearly two and a half times in the Punjab Southwest, and was in moderate excess in the Punjab East and North: it was in large defect elsewhere. Cloud proportion was in excess in the Punjab, Kashmir, the North-West Frontier Province and Baluchistan, and in defect in Rajputana. Humidity was high in the North-West Frontier Province and Baluchistan, and low in Rajputana and Gujarat. Maximum temperature was below normal in the North-West Frontier Province, and above it in Gujarat and Rajputana; the minimum was appreciably high except in Kashmir and the Punjab East and North.

*The Peninsula.*—Rainfall was in large excess in Hyderabad South and Madras Coast North, in slight excess in the Madras Deccan, nearly normal in Hyderabad North, Malabar and Madras Southeast, in slight defect in the Konkan and the Bombay Deccan, and in large defect in Mysore. There was more cloud than usual in Hyderabad South, Mysore and the Madras Coast North, and less cloud in the Konkan and Hyderabad North. Humidity was in excess in Hyderabad South and the Madras Deccan. Maximum temperature was above normal in the Konkan, and below it in the Madras Deccan.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions; and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report; the divisional means, Tables I and II, are based on these observations.

SIMLA;

The 9th November 1925.

C. W. B. NORMAND,

for Director-General of Observatories.

Dist. No.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"				%	
Burma . . . . .	7.90	7.98	-0.08	-1	-0.9	-0.8	0	+0.6
Assam . . . . .	3.95	4.85	-0.90	-19	-0.8	-1.5	-1	+0.1
Bengal . . . . .	6.91	5.42	+1.49	+27	-0.7	-0.7	+1	+0.3
Bihar and Orissa . . . . .	5.93	3.65	+2.28	+62	-0.6	-0.7	+1	+0.6
United Provinces . . . . .	0.33	1.42	-1.04	-73	+1.8	+0.4	0	-0.4
Punjab . . . . .	0.47	0.32	+0.15	+47	-1.2	+1.7	+2	+0.7
North-West Frontier Province . . . . .	1.15	0.43	+1.02	+785	-2.7	+3.5	+6	+0.9
Sind . . . . .	0	0.02	-0.02	100	+1.4	+3.1	-1	-0.1
Rajputana . . . . .	0.03	0.41	-0.38	-93	+3.8	+2.4	-7	-0.3
Bombay . . . . .	1.58	2.28	-0.76	-31	+3.0	+1.4	-6	-0.1
Central India . . . . .	0.23	1.21	-0.98	-81	+4.8	+1.2	-2	-0.3
Central Provinces . . . . .	1.21	2.05	-0.84	-41	+1.9	+1.3	-1	+0.5
Hyderabad . . . . .	5.17	2.39	+2.78	+116	-0.7	-0.2	+5	+0.3
Mysore . . . . .	1.59	5.56	-3.97	-71	+1.2	+0.1	-5	+0.9
Madras . . . . .	10.13	8.06	+2.07	+26	-0.5	0	+2	+0.6
<b>Mean of India . . . . .</b>	<b>3.74</b>	<b>3.54</b>	<b>+0.20</b>	<b>+6</b>	<b>+0.7</b>	<b>+0.6</b>	<b>-1</b>	<b>+0.3</b>

TABLE II, OCTOBER.

Sub-division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
1. Bay Islands . . . . .	9.82	11.07	-1.25	-11	-1.7	-0.5	-1	+0.4
2. Lower Burma . . . . .	9.09	9.99	-0.90	-9	0	-0.1	-2	+0.9
3. Upper Burma . . . . .	6.37	5.11	+1.26	+25	-2.0	-1.7	+2	+0.3
4. Assam . . . . .	3.95	4.85	-0.90	-19	-0.8	-1.5	-1	+0.1
5. Bengal . . . . .	6.91	5.42	+1.49	+27	-0.7	-0.7	+1	+0.3
6. Crissa . . . . .	15.05	5.31	+9.74	+183	-1.4	-0.5	+5	+1.4
7. Chota Nagpur . . . . .	2.77	2.97	-0.20	-7	-0.5	-0.7	-1	+0.5
8. Bihar . . . . .	0.53	2.73	-2.20	-81	-0.1	-0.8	-1	0
9. United Provinces, East . . . . .	0.23	2.02	-1.79	-89	+1.6	+0.8	+1	-0.6
10. Do. do. West . . . . .	0.51	0.90	-0.39	-43	+2.0	-0.1	-2	-0.2
11. Punjab, East and North . . . . .	0.53	0.42	+0.11	+26	-1.1	+1.2	+1	+0.6
12. Do. Southwest. . . . .	0.37	0.15	+0.22	+147	-1.3	+2.4	+4	+1.0
13. Kashmir . . . . .	0.76	0.77	-0.01	-1	-0.6	+1.0	-1	+1.4
14. North-West Frontier Province . . . . .	1.15	0.13	+1.02	+785	-2.7	+3.5	+6	+0.9
15. Baluchistan . . . . .	0.73	0.11	+0.62	+564	+0.5	+4.1	+15	+0.8
16. Sind . . . . .	0	0.02	-0.02	-100	+1.1	+3.1	-1	-0.1
17. Rajputana, West . . . . .	0	0.31	-0.31	-100	+4.3	+2.2	-11	-0.3
18. Do. East . . . . .	0.05	0.47	-0.42	-89	+3.4	+2.5	-5	-0.4
19. Gujarat . . . . .	0.01	0.69	-0.68	-99	+4.4	+2.2	-10	+0.2
20. Central India, West . . . . .	0	0.85	-0.85	-100	+5.1	+2.2	-5	-0.3
21. Do. do. East . . . . .	0.45	1.57	-1.12	-71	+4.5	+0.2	+1	-0.3
22. Berar . . . . .	0.63	1.89	-1.26	-67	+3.7	+2.4	-4	-0.3
23. Central Provinces, West. . . . .	0.70	1.56	-0.86	-55	+2.7	+1.3	-4	+0.3
24. Do. do. East . . . . .	2.27	2.85	-0.58	-20	-0.1	+0.9	+5	+1.1
25. Konkan . . . . .	3.19	3.82	-0.63	-16	+2.6	+1.4	-1	-0.8
26. Bombay, Deccan . . . . .	2.34	3.11	-0.77	-25	+1.5	-0.5	-3	-0.1
27. Hyderabad, North . . . . .	1.65	1.67	-0.02	-1	+1.5	+0.5	+1	-0.5
28. Do. South . . . . .	7.81	2.93	+4.88	+167	-1.7	-0.6	+7	+0.7
29. Mysore . . . . .	1.59	5.56	-3.97	-71	+1.2	+0.1	-5	+0.9
30. Malabar . . . . .	10.58	10.37	+0.21	+2	+1.2	+0.6	+2	+0.4
31. Madras, Southeast . . . . .	8.76	8.55	+0.21	+2	+0.5	+0.2	-1	+0.2
32. Do. Deccan . . . . .	4.98	4.14	+0.84	+20	-2.6	-0.4	+6	+0.4
33. Do. Coast, North . . . . .	14.44	7.75	+6.69	+86	-1.8	-0.3	+3	+1.3

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Cloud	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduced to 32 and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 H.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heav- iest fall in month.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
<b>BAY ISLANDS.</b>																				
Port Blair .. .. .	29.812	+ .022	N. 67 W.	4.3	79.5	76.6	84.7	-1.7	87.8	76.4	-0.5	73.7	87	-1	6.6	9.82	-1.25	22	+6.3	1.50
<b>LOWER BURMA.</b>																				
Mergui .. .. .	29.847	+ .042	S. 54 E.	3.5	77.4	76.0	86.2	-0.4	89.0	73.1	+0.4	70.5	93	+3	5.9	10.24	-1.85	14	-2.2	3.34
Tavoy .. .. .	29.899	+ .043	N. 59 E.	1.1	77.5	75.0	87.0	-0.6	89.8	73.6	-0.3	68.8	89	0	6.1	11.99	+1.33	15	+2.6	2.80
Moulmein .. .. .	29.843	+ .042	N. 73 E.	2.2	78.0	75.4	86.9	-1.0	89.7	74.8	-0.1	71.3	88	0	7.7	5.60	-3.10	9	-2.0	2.10
Rangoon .. .. .	29.895	+ .044	N. 61 E.	2.5	79.8	76.4	88.5	+0.9	91.5	75.7	-0.1	73.0	85	-5	7.8	9.78	+2.87	10	0	3.25
Bassein .. .. .	29.876	+ .039	N. 88 E.	2.3	79.1	76.8	88.5	+1.1	91.9	75.5	-0.1	71.6	90	-2	5.9	6.82	-1.36	10	-2.4	2.89
Diamond Island .. .	29.832	+ .019	N. 65 E.	6.1	81.9	78.6	86.2	0	88.3	77.6	+0.4	75.3	86	+2	4.2	18.02	+9.48	13	+2.0	5.56
Toungoo .. .. .	29.735	+ .024	..	..	78.6	75.0	89.6	-0.2	93.1	78.3	-1.1	70.0	84	-5	5.6	8.02	+0.59	7	-3.2	2.23
Kyaukpju .. .. .	29.865	+ .033	N. 77 E.	1.7	80.9	77.2	86.9	+0.5	89.9	77.1	+0.8	72.5	84	-2	5.7	4.03	-3.61	7	-4.2	2.22
Akyab .. .. .	29.868	+ .032	N. 44 E.	4.5	79.6	76.0	87.4	+0.1	90.4	75.2	-1.0	69.3	84	-7	7.0	6.44	-4.47	7	-2.3	2.82
<b>UPPER BURMA.</b>																				
Minbu .. .. .	29.726	+ .025	N. 25 W.	2.3	78.5	74.7	89.4	-0.7	95.7	74.3	-0.8	71.0	83	-1	5.9	4.39	-0.12	6	-0.3	1.60
Yamethin .. .. .	29.274	+ .053	..	..	77.3	74.4	88.1	-2.5	94.3	73.0	-0.8	69.9	87	0	4.7	12.37	+6.82	12	+4.1	3.85
Mandalay .. .. .	29.676	+ .055	N. 81 E.	1.4	76.6	73.9	90.0	-2.0	95.4	71.9	-2.8	66.2	88	+6	4.9	6.92	+2.20	11	+4.4	1.60
Jonywa .. .. .	29.653	+ .051	N. 14 E.	1.7	76.6	74.3	88.6	-1.7	94.8	72.2	-3.0	68.2	89	+2	6.5	4.97	+0.81	9	+3.0	1.98
Lashio .. .. .	27.169	+ .056	E.	1.0	65.2	64.0	78.7	-3.5	86.2	62.2	-1.7	56.1	94	+1	7.5	5.52	-0.19	13	+3.3	1.13
Shamo .. .. .	29.570	+ .066	N. 45 E.	0.9	73.7	71.6	85.9	-1.8	94.1	68.4	-1.2	60.3	90	0	4.7	4.07	-0.10	10	+3.3	0.98
Sytkyina .. .. .	29.463	+ .061	N. 45 E.	1.4	71.4	69.5	83.9	-1.8	91.6	68.5	-1.5	62.4	91	+3	5.7	6.33	-0.50	7	-1.1	2.12
<b>ASSAM.</b>																				
Dibrugarh .. .. .	29.592 (b)	+ .059	S. 81 E.	0.3	73.3	70.0	83.8	-0.3	91.1	68.1	-1.7	63.1	84	-5	3.8	2.59	-3.21	8	-0.2	1.38
Sibsagar .. .. .	29.643	+ .075	N. 59 E.	0.3	72.3	71.4	84.9	+0.8	93.2	69.0	-1.6	63.3	96	+1	9.0	8.52	+3.42	7	-0.7	3.92
Tezpur .. .. .	29.700	+ .065	N. 44 E.	1.2	73.9	71.3	85.1	-0.7	90.6	70.1	-1.0	64.8	88	-1	4.0	2.02	-2.19	5	-1.2	0.82
Gauhati .. .. .	29.754	+ .054	N. 49 E.	1.1	74.5	72.2	85.3	-1.6	96.8	68.9	-1.9	62.8	89	+1	5.5	1.79	-1.00	4	-0.1	1.25
Dhubri .. .. .	29.814	+ .050	S. 82 E.	3.3	75.9	72.7	83.2	-1.3	87.2	71.9	-0.8	66.9	85	-3	3.7	0.76	-3.87	3	-1.7	0.32
Silchar .. .. .	29.840	+ .060	S. 85 E.	0.6	74.9	72.8	86.8	-1.8	93.7	70.6	-1.7	65.7	90	+1	5.3	8.00	+1.45	8	+0.4	2.37
<b>BENGAL.</b>																				
Cox's Bazar .. .. .	29.855	+ .044	S.	1.3	78.7	76.1	86.6	-0.6	90.3	73.1	-0.4	67.3	88	0	3.2	9.74	+2.28	6	-2.2	4.16
Chittagong .. .. .	29.810	+ .037	N. 71 E.	4.1 (c)	75.5	74.0	86.3	-0.4	92.2	72.3	-1.0	66.6	93	+4	5.1	10.27	+3.39	8	+1.1	3.45
Narayanganj .. .. .	29.885	+ .050	S. 82 E.	0.7	79.1	75.5	86.3	-1.6	92.0	74.1	-1.2	69.1	84	-1	4.1	5.55	+0.48	7	+1.2	1.95
Barisal .. .. .	29.894	+ .058	E.	0.5	78.8	75.8	86.6	-0.8	92.2	74.0	-0.6	68.1	87	+3	3.4	10.15	+3.89	9	+2.3	2.15
Jessore .. .. .	29.888	+ .061	E.	0.3	78.9	76.6	85.5	-2.9	92.4	74.1	-0.2	66.9	90	+6	4.4	3.92	-0.97	6	+0.2	1.67
Calcutta .. .. .	29.884	+ .052	N. 47 E.	1.8 (c)	77.5	75.5	87.1	-0.3	94.4	74.4	-0.1	66.6	91	+6	4.2	8.73	+4.54	8	+2.0	4.85
Saugor Island (b) ..	29.890	+ .054	N. 31 E.	5.4	80.8	76.8	86.1	-1.0	92.1	76.5	+0.2	72.5	83	-2	5.6	11.54	+3.40	10	+2.5	2.68
Burdwan .. .. .	29.805	+ .046	N. 54 E.	0.3	78.8	74.6	88.3	-0.6	96.6	73.7	-0.8	68.0	81	0	3.7	6.10	+2.67	7	+2.7	1.83
Berhampore .. .. .	29.852	+ .060	N. 60 E.	1.3	79.3	74.7	89.0	+1.2	95.8	72.1	-2.3	65.2	80	-4	3.5	3.32	-0.88	7	+2.3	1.75
Mymensingh .. .. .	29.859	+ .055	N. 72 E.	1.1	77.2	74.5	84.9	-2.0	91.1	73.0	-0.9	67.6	88	+1	4.6	5.96	+0.16	8	+2.3	1.82
Bogra .. .. .	29.852	+ .062	S. 82 E.	1.0	76.9	74.4	87.7	+0.4	92.1	72.1	-0.8	66.3	89	+4	4.0	4.75	-0.21	8	+2.7	1.30
Dinajpur .. .. .	29.799	+ .060	N. 42 E.	1.4	77.2	73.8	85.9	-1.5	91.3	72.3	+0.4	65.1	85	-1	3.6	2.35	-1.90	3	-1.2	0.90
Jalpaiguri .. .. .	29.651	+ .051	N. 72 E.	0.7	73.9	71.1	87.1	+0.5	91.1	68.7	-1.7	63.9	86	-1	2.6	7.50	+2.60	5	+0.2	3.40
<b>ORISSA.</b>																				
Balasore .. .. .	29.834	+ .050	N. 58 E.	1.4	77.7	73.9	87.3	-1.3	96.7	71.9	-1.4	65.6	83	-1	5.5	19.37	+13.32	12	+6.1	4.25
Hukitala (False Point)	29.859	+ .041	N. 9 E. (b)	6.5	..	..	..	..	..	..	..	..	..	..	6.5	27.28	+19.29	12	+4.9	6.25
Cuttack .. .. .	29.813	+ .044	N.	1.3	77.6	75.5	87.2	-2.7	95.4	74.4	-0.3	70.2	90	+9	5.3	11.62	+6.42	11	+4.8	3.11
Sambalpur .. .. .	29.399	+ .026	N. 48 E.	1.8	76.6	73.3	88.7	-0.1	94.8	71.6	+0.1	64.7	85	+7	3.4	1.92	-0.08	4	+0.6	0.60
<b>CHOTA-NAGPUR.</b>																				
Chaibasa .. .. .	29.153	+ .044	S. 78 E.	1.9	75.8	71.9	83.0	-1.0	97.0	70.0	-0.3	63.7	82	+1	4.4	3.78	+0.84	5	+1.0	2.14
Ranchi .. .. .	27.778	+ .056	N. 22 W.	2.4	74.3	67.1	83.3	-0.1	91.0	65.4	-1.2	60.0	69	-2	2.9	2.84	0	5	+0.6	1.17
Hazaribagh (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.70	-1.42	2	-2.3	1.15	

(a) Reports only rainfall.

(b) Mean of 30 days.

(c) Mean of 29 days.

(e) Mean of 27 days.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Cloud	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h. reduce to 32 and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 H.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.
BIHAR.																				
Purnea (b)	29.793	+0.050	N. 72 E.	0.2	76.6	73.1	88.5	+1.0	96.1	69.6	-1.6	61.8	84	-5	2.4	0.55	-2.30	1	-2.4	0.55
Darbhanga	29.753	+0.058	E.	0.3	77.2	72.8	87.6	+0.4	93.7	69.6	-2.9	59.8	80	-3	2.9	0.58	-1.81	1	-1.7	0.54
Patna	29.730	+0.061	S. 84 E.	2.3	79.0	73.5	88.3	-0.1	93.5	73.6	+0.8	65.2	76	+2	2.6	0.56	-1.98	1	-2.1	0.51
Gaya	29.531	+0.049	S. 35 E.	1.4	78.0	71.6	89.5	-0.5	95.2	71.8	+0.6	64.2	72	-1	1.2	0.12	-1.95	1	-1.9	0.12
Naya Dumka	29.409	+0.044	Calm.	0.6	77.4	72.5	86.8	-1.2	93.2	69.7	-1.1	61.0	78	0	2.8	0.83	-2.95	4	-0.5	0.22
UNITED PROVINCES, EAST.																				
Gorakhpur	29.657	+0.061	N. 80 E.	0.5	76.2	71.3	91.1	+2.3	96.3	68.3	-1.2	57.1	77	-1	0.7	0.90	-2.55	1	-1.4	0.90
Benares	29.646	+0.041	S. 77 E.	1.0	78.7	72.3	92.4	+1.9	97.5	69.6	+1.7	60.8	72	-1	2.4	0.12	-2.26	1	-1.3	0.12
Allahabad	29.582	+0.036	N. 10 E.	0.7	78.7	71.6	93.2	-2.1	100.0	68.2	+0.7	59.9	69	+2	1.2	0	-2.32	0	-1.9	0
Cawnpore	29.483	+0.045	S. 33 E.	0.8	78.6	70.4	92.3	+0.6	97.9	68.1	+1.5	60.7	65	0	0.4	0	-1.27	0	-1.5	0
Lucknow	29.531	..	E.	0.8	76.6	70.9	93.2	+1.8	99.5	67.9	+1.8	59.7	75	+5	0.2	0.03	-1.15	0	-1.7	0.03
Bahraich	29.484	+0.045	S. 81 E.	1.3	77.1	71.4	91.5	+0.9	96.7	68.3	+0.1	57.3	75	0	0.2	0.34	-1.20	1	-0.6	0.34
UNITED PROVINCES, WEST.																				
Jhansi	29.062	+0.017	S. 42 W.	3.2	76.5	66.0	95.3	+2.0	101.1	67.6	-1.8	62.0	55	0	1.3	0.63	-0.24	3	+2.0	0.28
Agra	29.329	+0.025	S.	3.1	77.2	65.7	95.6	+2.7	101.6	63.7	+1.0	55.0	52	-9	0.9	0.63	-0.73	0	-0.8	0.63
Mainpuri	29.375	+0.043	S. 57 E.	0.2	79.7	69.9	96.7	+3.8	103.3	64.7	-0.7	56.0	59	-6	0.4	0.63	-1.10	0	-1.0	0.63
Barilly	29.331	+0.053	N. 79 E.	1.8	72.8	69.1	90.9	+1.2	96.8	66.1	+0.8	55.3	82	-7	0.4	1.32	+0.13	1	+0.2	1.32
Meerut (a)	29.531	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Roorkee	28.998	+0.044	S. 78 E.	1.5	79.0	63.9	88.7	+0.1	93.9	61.3	+0.1	50.6	72	-2	1.0	0.22	-0.43	1	-0.2	0.22
Dehra Dun (a)	29.531	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.34	+0.27	2	+0.6	0.61
PUNJAB, EAST AND NORTH.																				
Delhi	29.164	+0.031	S. 38 W.	1.7	75.0	65.9	91.3	-0.3	97.0	70.3	+1.9	64.5	60	+6	1.2	0.05	-0.27	0	-0.5	0.61
Hissar	29.152	+0.026	S. 57 E.	3.5	72.7	62.4	96.7	+1.0	104.6	64.9	+1.5	56.6	54	+1	0.8	0.08	-0.23	0	-0.5	0.61
Ambala	28.988	+0.034	S. 74 E.	2.5	74.4	64.9	91.8	-0.3	97.6	62.8	+1.4	55.8	58	-10	0.8	0.54	-0.21	2	+1.3	0.3
Ludhiana	29.075	+0.037	S. 70 E.	1.5	72.0	63.1	93.1	+1.3	100.8	62.8	-0.9	54.8	59	-2	1.3	0.58	+0.10	2	+1.3	0.3
Lahore	29.177	+0.035	N. 41 E.	1.2	70.2	63.5	92.2	-2.3	100.9	64.2	+3.4	57.4	68	+6	1.7	0.16	-0.09	1	+0.4	0.1
Siakot	29.058	+0.038	N. 57 E.	1.1	69.0	62.4	88.1	-3.8	95.0	62.1	0	53.5	68	+6	2.0	0.57	+0.27	2	+1.3	0.2
Rawalpindi	28.241	+0.043	N. 48 E.	1.6	69.0	59.4	85.6	-3.2	95.0	57.9	+1.3	49.3	57	-2	1.6	1.72	+1.21	5	+3.9	0.4
PUNJAB, SOUTH WEST.																				
Khushab	29.298	+0.052	N. 65 E.	4.0	74.2	64.1	91.4	-2.6	99.0	64.4	+1.1	55.4	56	+10	2.1	0.51	+0.34	1	+0.6	0.3
Lyalpur	29.281	+0.047	N. 75 E.	1.5	71.7	63.8	91.9	-1.2	99.3	64.3	+2.9	57.6	64	+3	3.5	0.96	+0.62	2	+1.4	0.6
Montgomery	29.326	+0.037	S. 75 E.	1.4	76.1	64.0	93.5	-2.3	101.8	66.0	+2.6	57.1	49	+5	0.6	0	-0.06	0	-0.2	0
Multan	29.467	+0.052	N. 47 E.	2.2	75.7	65.1	96.6	+0.7	104.5	68.7	+3.1	61.5	55	-1	0.6	0	-0.05	0	-0.2	0
KASHMIR.																				
Srinagar	24.971	+0.024	N. 64 E.	2.0	51.9	48.0	70.0	-0.4	78.4	41.9	+0.8	35.9	76	-7	3.7	0.82	-0.27	3	+0.4	0.3
Sonamarg (a)	29.531	..	..	..	..	..	..	..	..	..	..	..	..	..	3.30	+1.09	8	+3.0	1.5	
Dras	20.886	+0.036	S. 72 W.	4.7	36.8	34.4	55.8	-0.6	63.4	30.4	+3.0	22.6	66	-4	2.9	0.34	-0.38	2	+0.4	0.1
Leh	19.783	+0.025	Calm.	1.6	40.5	33.9	58.5	-0.4	65.3	32.2	+1.7	26.8	42	..	3.3	0	-0.17	0	-0.2	..
Skardu	22.936	+0.007	Calm.	1.0	47.0	40.7	66.7	+0.4	73.5	41.1	-0.2	34.0	59	-1	3.8	0.02	-0.15	0	-0.4	0.0
Gilgit	25.209	+0.005	S.	0.4	57.9	50.2	73.5	-1.8	79.8	52.1	-0.5	46.4	58	+8	5.6	0.08	-0.20	0	-0.7	0.0
NORTH-WEST FRONTIER PROVINCE.																				
Peshawar	28.819	+0.046	S.	0.2	66.9	61.4	85.8	-2.7	94.0	61.3	+3.3	55.8	72	+10	2.1	1.70	+1.54	3	+2.6	0.7
Dera Ismail Khan	29.343	+0.070	N. 31 E.	1.0	73.9	65.3	90.9	-2.6	97.5	65.3	+3.8	58.6	62	+2	1.3	0.60	+0.51	2	+1.8	0.5
BALUCHISTAN.																				
Fort Sandeman	25.470	+0.042	S. 63 E.	1.6	58.5	49.5	82.7	-0.9	91.1	55.9	+3.9	49.2	53	+14	2.4	1.32	+1.09	2	+1.5	0.6
Harnai (a)	29.531	..	..	..	..	..	..	..	..	..	..	..	..	..	1.03	+0.80	1	+0.1	0.9	
Quetta	24.705	+0.013	S. 24 E.	1.5	48.0	43.5	76.2	+0.7	83.7	43.0	+4.3	34.6	70	+22	1.8	0.38	+0.25	2	+1.7	0.2
Chaman	25.729	-0.024	S. 39 E.	4.6	61.2	51.4	80.0	+0.3	88.6	54.5	+2.5	43.2	51	+11	1.3	2.72	+2.61	3	+2.7	2.6
Kalat	23.804	+0.002	S.	5.6	47.0	42.1	73.9	0	81.4	42.1	+9.7	32.9	68	+25	1.5	0.27	+0.15	1	+0.7	0.1
Dalbandin	27.148	-0.002	N. 30 E.	3.0	62.5	52.3	90.4	+1.8	99.9	56.9	+6.8	46.3	49	+13	1.9	0.05	+0.01	0	-0.1	0.0
Pasni	29.906	+0.022	N. 18 W.	4.3	72.0	68.8	90.6	-0.8	103.1	62.0	-3.5	56.2	86	+13	0.1	0.03	+0.02	0	0	0.0
Panjgur.	26.769	+0.010	N. 53 E.	4.4	61.5	52.6	88.6	+2.7	99.2	59.0	+4.8	54.1	53	+8	1.1	0	-0.01	0	0	0

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (g) Mean of 7 days. (l) Mean of 20 days. (t) Mean of 12 days. (u) Mean of 11 days.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.		RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	At 8 h., reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 H.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.	
SIND.																					
Jacobabad .. .. .	29-703	-038	N. 52 E.	1-7	80-1	66-5	99-0	-0-1	107-9	70-0	+6-3	64-8	46	-9	0-5	0	-0-04	0	-0-1	0	
Hyderabad .. .. .	29-783	+024	N. 55 W.	2-7	80-1	68-4	100-9	+3-1	110-2	72-2	+2-0	66-4	53	-5	0-3	0	-0-02	0	0	0	
Karachi .. .. .	29-887	+019	N. 39 W.	5-7	79-1	74-9	88-0	+0-4	104-2	74-4	+0-9	67-3	82	+10	1-5	0	-0-01	0	0	0	
RAJPUTANA WEST.																					
Bikaner .. .. .	29-092	+011	S. 42 E.	3-2	78-8	62-6	100-3	+4-2	106-8	71-4	+0-2	61-9	37	-11	0-6	0	-0-26	0	-0-5	0	
Jodhpur .. .. .	29-095	+003	N. 66 E.	1-8	80-3	63-0	100-8	+4-4	106-5	72-0	+4-2	67-0	32	-11	1-0	0	-0-36	0	-0-4	0	
RAJPUTANA, EAST.																					
Jaipur .. .. .	28-476	+026	N. 52 E.	2-1	78-7	65-2	96-5	+2-0	103-3	68-1	+3-0	60-7	47	-2	1-0	0-20	-0-12	1	+0-4	0-18	
Ajmer .. .. .	28-271	-004	S. 19 W.	0-8	69-6	59-4	95-8	+4-1	100-8	67-6	+2-8	61-4	53	-7	0-5	0	-0-33	0	-0-7	0	
Kotah .. .. .	29-044	-011	S. 75 W.	0-8	82-2	66-5	99-1	+4-2	104-6	72-3	+1-6	65-8	41	-6	1-2	0	-0-56	0	-0-8	0	
Udaipur (a) .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	0	-0-66	0	-1-0	0		
GUJARAT.																					
Deesa .. .. .	29-424	+009	S. 80 E.	5-5	85-3	66-3	104-2	+6-7	109-0	67-9	+1-0	62-6	34	-19	1-7	0	-0-41	0	-0-5	0	
Bhuj .. .. .	29-555	+013	N. 72 W.	9-2	83-2	69-4	100-9	+4-9	106-4	72-0	+1-4	67-1	48	-15	0-9	0-06	-0-38	0	-0-4	0-06	
Dwarka .. .. .	29-856	+006	N. 24 W.	7-5	81-4	76-1	88-6	+1-4	102-7	76-3	+0-3	72-0	78	0	2-1	0	-0-36	0	-0-3	0	
Rajkot .. .. .	29-435	-009	N. 8. W.	5-0	82-1	69-4	102-1	+6-5	106-5	72-5	+4-2	68-0	51	-14	3-7	0	-0-65	0	-1-2	0	
Veraval .. .. .	29-862	+006	N. 9 W.	5-3	81-3	71-4	90-8	+2-1	99-6	75-4	+2-6	70-8	60	-9	2-6	0	-0-65	0	-0-7	0	
Surat .. .. .	29-852	+012	S. 60 E.	2-3	83-1	73-4	97-9	+4-2	102-5	74-7	+3-2	69-2	62	-9	2-9	0	-1-75	0	-2-1	0	
Ahmadabad .. .. .	29-731	+010	N. 32 E.	4-3	82-3	69-5	102-3	+5-0	107-2	75-2	+2-8	71-3	50	-6	0-6	0-04	-0-55	0	-0-9	0-04	
CENTRAL INDIA. WEST.																					
Neemuch .. .. .	28-279	+016	S. 66 E.	4-2	80-6	68-9	95-2	+4-1	100-7	66-9	+2-4	61-0	54	+2	1-3	0	-0-54	0	-0-9	0	
Indore .. .. .	28-073	+008	S. 63 E.	2-1	79-5	65-9	95-0	+6-2	99-0	65-6	+2-0	62-8	48	-13	1-4	0	-1-15	0	-2-0	0	
CENTRAL INDIA, EAST.																					
Nowgong .. .. .	29-136	+032	S. 79 W.	0-9	71-9	66-7	96-9	+6-8	102-7	64-2	-1-0	56-9	74	+5	1-8	0-74	-0-30	1	-0-5	0-63	
Sutna .. .. .	28-840	+031	S.	1-0	75-8	68-3	90-2	+2-1	94-7	67-4	+1-4	60-8	67	-2	1-9	0-17	-1-93	1	-1-2	0-10	
BERAR.																					
Akola .. .. .	28-955	+010	N. 56 E.	1-9	79-4	68-4	96-9	+4-5	100-4	69-6	+3-0	62-8	54	-6	2-8	0-87	-1-00	1	-1-5	0-80	
Amraoti .. .. .	28-671	+017	N. 16 E.	3-4	80-6	69-5	93-9	+2-8	98-8	70-4	+1-8	66-9	56	-2	2-6	0-39	-1-53	1	-1-6	0-30	
CENTRAL PROVINCES, WEST.																					
Khandwa .. .. .	28-842	+014	S. 82 E.	2-9	79-8	66-0	97-6	+5-5	101-7	67-4	+1-0	61-9	48	-14	3-7	0	-1-23	0	-2-0	0	
Hoshangabad .. .. .	28-897	+025	S. 45 W.	0-3	75-4	66-9	93-6	+3-8	96-1	68-3	+2-0	62-8	62	-9	2-5	0-03	-1-29	0	-2-1	0-03	
Saugor .. .. .	28-088	+028	S. 41 E.	4-1	77-3	65-8	90-4	+2-1	94-8	67-0	+0-6	62-2	53	-2	3-2	0-50	-0-52	1	-0-8	0-50	
Jubbulpore .. .. .	28-550	+019	S. 47 E.	1-3	75-2	67-8	90-8	+3-1	95-1	65-5	+1-3	59-8	67	-7	1-2	0-02	-1-79	0	-2-2	0-02	
Seoni .. .. .	27-865	+020	N. 39 E.	2-9	74-5	67-8	87-1	+0-4	93-4	65-8	+1-6	61-9	70	+8	2-4	1-38	-0-51	5	+2-1	0-46	
Nagpur .. .. .	28-872	+028	N. 24 E.	2-5	77-7	68-8	91-8	+1-2	95-7	69-3	+1-0	63-9	62	-2	2-6	2-28	+0-18	3	0	1-58	
CENTRAL PROVINCES, EAST.																					
Pendra .. .. .	27-868	+043	N. 39 E.	1-5	74-9	68-7	84-5	-0-4	89-6	65-9	+0-9	60-4	52	+7	4-2	3-07	+0-21	5	+1-5	0-90	
Raipur .. .. .	28-889	+008	N. 15 W.	2-5	77-1	72-8	88-4	0	93-0	70-7	+1-0	65-5	81	+8	4-2	1-47	-0-64	2	-1-3	1-09	
Chanda .. .. .	29-243	+017	N. 43 E.	2-3	77-9	72-6	90-1	0	94-7	69-3	+1-1	62-0	77	+3	3-0	2-73	+1-00	5	+2-3	0-71	
Jagdulpur .. .. .	28-051	+008	N. 65 E.	1-9	73-4	70-1	85-6	+0-2	89-6	67-4	+0-4	60-4	84	+3	4-9	1-81	-2-91	4	-2-3	0-57	
KONKAN.																					
Bombay .. .. .	29-847	+014	N. 80 E.	5-7	81-9	77-4	91-7	+3-8	94-3	79-6	+2-7	76-6	81	-1	2-8	0-22	-1-94	1	-1-8	0-19	
Ratnagiri .. .. .	29-669	+015	S. 84 E.	4-4	82-0	75-2	90-3	+2-2	98-2	75-6	+1-3	72-0	52	-5	3-2	2-11	-1-61	5	0	0-70	
Marmagao .. .. .	29-827	+020	S. 86 E.	3-8	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	4-2	3-98	+0-20	4	-2-3	2-93	
Karwar .. .. .	29-835	+014	N. 24 W.	1-3	76-7	74-8	87-3	+1-8	93-0	74-0	+0-3	70-5	91	+2	3-8	6-47	+0-84	8	+0-9	3-83	
BOMBAY-DECCAN.																					
Malegaon .. .. .	28-463	+014	S. 62 W.	4-0	79-2	66-0	96-3	+4-5	100-2	67-0	+0-9	61-2	48	-12	3-5	0	-1-91	0	-2-7	0	
Ahmadnagar .. .. .	27-762	+021	N. 59 W.	4-2	77-8	65-6	91-0	+2-0	95-7	63-4	-2-1	55-7	51	-10	3-0	0-19	-1-84	1	-2-3	0-13	
Poona .. .. .	28-056	+020	N. 49 W.	2-0	74-7	67-7	90-9	+1-8	94-8	66-0	-0-5	56-9	69	-4	3-3	0-97	-2-77	5	-0-2	0-26	
Sholapur .. .. .	28-325	+031	N. 78 E.	5-7	76-7	68-2	90-2	+1-0	94-2	67-5	-1-2	60-4	64	+3	2-6	4-14	+0-91	4	-0-3	1-49	
Bijapur .. .. .	27-950	+029	N. 72 E.	3-1	75-2	69-0	87-5	-1-3	91-5	68-2	-0-3	63-3	73	+3	4-0	6-61	+3-54	6	+1-4	1-78	
Belgaum .. .. .	27-356	+023	S. 87 E.	2-9	72-0	67-3	84-6	+1-3	88-0	65-7	+0-4	60-2	78	-1	4-8	2-15	-2-52	3	-4-6	1-58	
HYDERABAD, NORTH.																					
Aurangabad .. .. .	28-002	+008	E.	5-9	78-6	65-7	93-3	+3-0	96-9	68-3	+1-5	61-3	49	-6	3-7	0-30	-1-26	1	-1-5	0-21	
Parbhani (a) .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	1-52	-0-34	2	-0-7	1-14		
Nizamabad .. .. .	28-626	+020	N. 36 E.	1-4	74-8	70-1	89-4	-0-1	94-4	67-8	-0-4	60-2	79	+8	1-9	3-12	+1-53	5	+2-4	1-80	

(a) Reports only rainfall.

TABLE III, OCTOBER.

STATION	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD	RAINFALL.			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	At 8 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 H.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.
<b>HYDERABAD, SOUTH.</b>																			
Gulbarga .. .. .	28.382	+ .022	N. 32 E.	5.2	75.0	68.1	89.6	-1.4	94.7	67.6	-1.6	61.7	70	+3	4.9	6.02	+3.01	6	+2.1
Raichur .. .. .	28.565	+ .027	N. 28 W.	5.2	77.1	71.7	89.0	-1.2	96.0	71.7	-0.6	67.0	77	+9	3.3	7.74	+4.30	7	+2.9
Hyderabad .. .. .	28.166	+ .025	N. 77 E.	2.6	75.8	70.2	85.9	-2.5	91.5	68.3	-1.1	63.2	75	+2	4.7	11.46	+8.21	8	+3.5
Hanamkonda .. .. .	28.992	+ .018	N. 27 E.	1.3	77.5	73.4	88.3	-1.7	92.0	72.6	+1.0	67.4	82	+13	4.4	6.03	+4.01	8	+4.4
<b>MYSORE.</b>																			
Chitaldrug .. .. .	27.501	+ .029	S. 50 E.	0.7	74.4	67.5	86.2	+1.3	90.0	68.6	+0.7	64.9	70	-6	8.0	2.69	-1.64	5	-1.6
Bangalore .. .. .	26.913	+ .021	N. 34 W.	5.4	70.8	66.1	83.4	+1.3	86.9	64.7	-0.5	61.8	78	-4	6.6	1.66	-4.24	4	-4.9
Mysore .. .. .	27.390	+ .015	S. 74 E.	3.4	73.0	68.1	85.2	+0.9	89.2	67.0	+0.2	64.8	78	-4	6.5	0.41	-6.05	2	-6.9
<b>MALABAR.</b>																			
Mangalore .. .. .	29.799	- .001	S. 87 E.	4.6	80.2	76.4	87.3	+1.4	92.1	74.7	+0.3	71.0	84	+1	5.4	10.54	+3.01	13	+2.8
Calicut .. .. .	29.846	+ .010	N. 86 E.	4.5	80.6	77.4	89.3	+3.6	92.4	75.0	+0.2	73.1	86	-2	6.7	9.36	-0.86	13	+1.7
Cochin .. .. .	29.879	+ .019	N. 61 E.	3.4	80.4	76.9	86.7	+0.2	90.0	75.9	+1.1	72.8	85	+2	6.2	9.96	-3.21	16	+1.8
Trivandrum .. .. .	29.682	+ .014	N. 82 W.	3.8	78.0	76.0	82.7	-0.3	84.1	75.7	+0.8	72.7	91	+6	7.5	12.47	+1.89	18	+5.8
<b>MADRAS, SOUTH EAST.</b>																			
Tinnevely (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12.37	+5.55	7	-2.0
Pamban .. .. .	29.817	+ .011	S. 54 W.	9.3	80.7	77.0	88.5	+0.6	90.8	78.2	+0.7	74.7	84	+2	4.3	8.73	-0.31	11	+1.6
Madura .. .. .	29.403	+ .003	N. 33 W.	3.4	78.3	73.4	92.2	+1.1	98.3	74.1	-0.1	71.3	79	+3	7.2	6.13	-1.60	9	-1.2
Negapatam .. .. .	29.832	+ .020	N. 83 W.	5.3	79.4	75.5	88.2	-0.6	93.9	76.3	+0.1	71.9	83	+2	6.6	13.82	+3.34	13	+2.9
Trichinopoly .. .. .	29.620	+ .026	N. 64 W.	2.5	82.0	75.3	93.9	+2.7	99.7	74.8	+0.4	72.3	72	-7	5.3	4.76	-2.14	6	-3.4
Coimbatore .. .. .	28.529	+ .015	S. 31 W.	3.3	78.1	74.2	87.2	-0.8	93.5	70.2	-0.4	67.8	83	-1	4.2	4.69	-1.72	10	+0.3
Salem .. .. .	28.961	+ .026	S. 45 W.	3.1	79.0	72.7	92.2	+2.4	98.4	72.4	+0.8	69.1	73	-8	4.9	2.10	-4.64	5	-4.9
Cuddalore .. .. .	29.830	+ .026	N. 66 W.	4.1	79.3	75.3	88.0	-0.6	93.9	75.1	+0.2	70.4	83	-1	4.8	9.53	-1.47	12	+1.4
Madras .. .. .	29.837	+ .018	N. 44 W.	3.5	79.7	76.3	88.5	-0.9	95.9	74.9	-0.3	70.8	85	+2	6.9	16.72	+5.00	13	+2.5
<b>MADRAS DECCAN.</b>																			
Cuddapah .. .. .	29.451	+ .033	N. 9 E.	..	78.0	74.1	88.9	-3.5	97.2	73.5	-0.8	70.4	83	+10	7.0	5.40	+0.36	10	+3.5
Bellary .. .. .	28.404	+ .026	N. 17 E.	3.9	77.1	70.7	88.3	-2.1	98.3	71.2	0	67.2	73	+5	3.0	3.24	-0.66	7	+0.9
Kurnool .. .. .	28.943	+ .020	S. 73 W.	1.0	76.6	71.7	88.8	-2.1	96.8	70.9	-0.5	65.0	78	+4	5.2	6.30	+2.83	4	-0.9
<b>MADRAS COAST, NORTH.</b>																			
Nellore .. .. .	29.798	+ .027	N. 47 W.	1.5	79.9	75.7	89.1	-2.1	98.3	75.1	-0.6	70.8	83	+2	7.0	7.51	-0.85	8	0
Masulipatam .. .. .	29.848	+ .011	N. 22 W.	3.6	80.6	76.4	86.5	-2.5	94.1	75.9	0	73.2	82	-1	4.9	11.52	+3.42	10	+1.7
Cocanada .. .. .	29.836	+ .019	N. 23 E.	5.3	79.7	76.0	85.9	-2.2	92.7	75.3	-0.8	71.1	84	+5	6.9	13.71	+5.86	10	+1.8
Vizagapatam .. .. .	29.824	+ .023	N. 18 W.	3.7	80.9	75.9	86.0	-2.0	91.6	76.7	+0.3	72.4	79	+5	6.4	10.72	+3.65	12	+4.7
C. ingapatam .. .. .	29.850	+ .028	N. 10 W.	5.3	79.6	76.9	86.6	-2.0	95.2	75.6	-0.2	71.6	88	+3	4.5	16.54	+9.42	12	+5.0
Gopalpur .. .. .	29.828	+ .034	N. 6 E.	5.2	79.1	75.6	87.8	-0.2	96.3	74.4	-0.3	70.1	85	+3	4.9	26.65	+18.63	11	+4.3
<b>HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN</b>																			
Maymyo .. .. .	26.451	+ .035	N. 68 E.	1.6	66.0	64.8	76.9	+0.2	83.4	58.6	-1.9	50.2	94	+3	4.5	11.09	+3.47	16	+4.4
Shillong .. .. .	25.177	+ .034	N. 81 E.	0.9	63.2	58.1	69.5	-1.9	75.9	51.7	-3.1	42.0	74	-4	5.1	6.90	+0.10	10	0
Cherrapunji .. .. .	25.737	+ .044	N. 53 E.	2.3	66.3	60.9	70.6	-1.3	78.3	58.4	-1.9	53.7	74	-7	5.2	5.87	-15.39	8	-1.1
Darjiling .. .. .	23.011	+ .025	N. 26 E.	1.7	54.0	51.3	61.6	-0.1	67.4	49.0	-1.1	43.8	83	-3	4.9	1.68	-2.86	4	-0.6
Mukteswar .. .. .	22.903	+ .031	S. 79 W.	4.5	54.7	47.4	64.6	-1.5	69.4	49.5	-0.1	41.9	59	+2	1.9	0.33	-1.04	1	-0.8
Mussooree (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.10	-2.63	1	-2.4
Chakrata .. .. .	23.518	+ .106	N. 76 E.	6.7	57.9	50.7	65.9	-1.3	71.7	50.6	-0.2	43.6	62	+1	1.9	0.25	-0.71	1	-0.4
Simla .. .. .	23.176	+ .039	N. 10 E.	3.6	55.5	45.7	62.0	-0.7	67.1	51.5	+0.2	43.0	48	0	1.7	1.25	+0.17	3	+1.4
Dalhousie (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.11	..	3	..
Murree .. .. .	24.055	+ .045	S. 45 E.	4.6	58.7	49.1	65.7	-2.8	73.5	52.3	-1.1	40.2	52	+8	1.7	4.56	+8.06	8	+5.6
Cherat .. .. .	25.803	+ .073	N. 11 W.	7.2	63.5	53.7	74.2	-3.0	83.8	59.4	+1.4	48.5	54	+13	2.3	3.12	+2.69	5	+3.8
Parachinar .. .. .	24.517	+ .039	Calm.	0.3	61.0	51.7	72.0	-2.5	83.0	49.3	+0.5	41.5	55	+14	2.7	3.57	+2.70	9	+6.8
Drosh .. .. .	25.119	- .009	E.	1.0	56.0	49.4	75.5	-1.5	83.8	53.2	+0.1	45.0	64	+12	3.3	2.29	+1.07	5	+2.4
Mount Abu .. .. .	26.084	+ .026	N. 48 E.	3.3	75.9	59.1	83.4	+4.4	87.9	68.1	+3.5	62.4	35	-9	1.5	0	-0.99	0	-1.1
Pachmarhi .. .. .	26.469	+ .026	S. 15 E.	2.0	73.0	63.9	82.4	+3.4	86.9	60.1	+0.6	53.9	61	+1	2.7	0	-2.17	0	-3.1
Mercara .. .. .	26.172	+ .007	N. 61 E.	3.5	66.3	63.7	74.7	-0.8	79.4	61.9	-0.2	59.0	87	-2	8.7	7.14	-1.58	10	-3.4
Kodaikanal .. .. .	22.778	+ .006	N. 11 W.	6.6	56.8	52.3	63.7	+0.7	68.5	51.0	-0.3	47.2	76	-7	6.3	10.94	+1.26	13	-2.1
<b>CEYLON.</b>																			
Colombo .. .. .	29.860	+ .011	S. 54 W.	3.3	77.3	75.0	86.3	+0.4	87.4	75.4	+0.2	73.2	89	+3	7.2	13.80	-0.35	21	+5.0

(x) Aneroid. (a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (e) Mean of 27 days. (o) Mean of 17 days.

# MONTHLY WEATHER REPORT

FOR

November 1925.

Supplement to the Indian Daily Weather Report for the 11th December 1925.

*Published by order of the Governor-General in Council.*

*Summary.*—The northeast monsoon was on the whole vigorous and gave rise to two storms: the earlier of these caused very heavy rain in parts of south Madras resulting in floods in the rivers there and stormy weather in north Malabar, and also induced very wet weather from the north of the Bombay Deccan to the United Provinces and west Bihar. Of western disturbances, one which reached northwest India early in the month was remarkably active and gave abundant rain in the belt from Baluchistan and the frontier to the north of the Central Provinces.

The month began with a weak northeast monsoon, but rainfall increased markedly in the Bay Islands on the 3rd and an area of unsettled weather appeared in the southeast of the Bay. Advancing westwards, this had, by the morning of the 6th, developed into a depression off the east coast of Ceylon, and during the day rainfall increased and was locally heavy on the south Coromandel coast. The depression lay over that island on the morning of the 7th, and latter passed into the Arabian Sea; at 8 hrs. on the 9th it was a storm of small extent with centre about two degrees west of Cape Comorin. It then moved in a north-northwesterly direction and was centred near Lat.  $10^{\circ}$  N. Long.  $74^{\circ}$  E. on the morning of the 10th. This direction of motion was maintained, but the storm apparently weakened on the 11th and passed up the east Arabian Sea as a trough of low pressure, which disappeared off the Konkan on the 14th. The storm produced widespread and very heavy rain in southeast Madras, resulting in numerous landslips on the Nilgiri Railway, floods in the rivers of the Madura and Tinnevely districts, and breaches in the Tinnevely-Trivandrum section of the South Indian Railway. With it was associated a small but very well-marked secondary disturbance, which occasioned on the night of the 10-11th stormy weather and heavy rain in north Malabar, where considerable damage to country craft and fishing boats, with heavy loss of life among their crew, and considerable damage to property on land are reported to have occurred. The storm was also responsible for an abnormal flow of moist air from the equatorial regions into the central parts of the country, which gave very widespread and moderately heavy rain in the region from the north Bombay Deccan to the United Provinces and west Bihar on the 9th, while the persistence of the trough of low pressure off the Konkan till the 14th caused widespread rain in the northern half of the Peninsula between the 10th and 13th. According to newspaper reports some hailstorms of unusual severity occurred in Bhavnagar State and a country craft was caught in a storm near Deman and foundered.

2. The disappearance of the abnormal conditions in the east Arabian Sea and the Peninsula synchronised with the appearance of unsettled weather in the Andaman Sea due to the approach of disturbed conditions from the China Seas, and light local rain fell on the south Burma coast on the 13th. By the morning of the 14th a depression of small extent had formed in the Bay near Diamond Island, but it was short-lived and disappeared before the morning of the next day without producing any rainfall. In the south of the Peninsula the northeast monsoon was weak till the 17th, but strengthened and gave widespread rain during the next three days. Thereafter another period of more or less dry weather set in and lasted till the 25th, the northeast monsoon having been deflected to the sea area owing to the appearance of unsettled conditions in the south of the Bay. These developed into a depression off the east coast of Ceylon, which had, by the morning of the 25th, intensified into a storm, with centre within one hundred miles of Lat.  $9^{\circ}$  N. Long.  $85^{\circ}$  E. This storm then travelled northnorthwestwards, reaching on the morning of the 26th the neighbourhood of Lat.  $13^{\circ}$  N. Long.  $84^{\circ}$  E., in which position it remained almost stationary during the next 24 hours, owing to a change in its direction of motion. Thereafter, it moved westwards weakening into a depression at the same time; crossing the coast near Madras on the forenoon of the 28th it disappeared before the morning of the next day without having produced any marked increase or concentration of rainfall. The southerly current on the eastern side of this storm caused fairly widespread rain round the head of the Bay and in Upper Burma between the 26th and 28th.

3. Four western disturbances reached India during the month. The first of these was extremely active and gave between the 3rd and 7th widespread and remarkably abundant rain in the tract from Baluchistan and the frontier to the north of the Central Provinces : an unusually severe thunderstorm accompanied with rain is reported to have occurred between 16 hrs. and 20 hrs. on the 6th at Jhansi. The subsequent three disturbances gave no precipitation in India ; owing to the activity of the north-east monsoon these passed further north than usual.

4. The rainfall of the month was in very large excess over most of northwest and central India, in the United Provinces and Hyderabad North, in moderate to large excess in Mysore, the Bombay Deccan and south Madras, in moderate to large defect over the greater part of northeast India, in Burma, the Konkan, Hyderabad South and the Madras Deccan. It was also in large excess at Bushire and Teheran, in slight defect at Meshed and Baghdad, and in large defect at the other reporting stations in Persia.

5. Maximum temperature was below normal over most of northwest India and in the west of the United Provinces between the 4th and 14th, and in the Deccan and the central parts of the country between the 10th and 13th ; it was above normal in Central India, the west of the Central Provinces and in Mysore in the first four days of the month. Minimum temperature was higher than usual in the Punjab, the North-West Frontier Province, Baluchistan and Sind during the first week, and in Rajputana East, Gujarat, Central India and the west of the Central Provinces from the 1st to the 9th as well as between the 13th and 22nd, and during the latter period it was above normal also in the Central Provinces East, the Konkan, the Bombay Deccan and Hyderabad ; it was lower in the Punjab Southwest and Kashmir between the 10th and 21st, in the United Provinces between the 22nd and 24th and in Bihar between the 13th and 25th.

### Summary of the local conditions.

*Burma, including the Bay Islands.*—The month's rainfall was in slight excess in the Bay Islands and in large defect in Burma. Other climatic elements were roughly normal.

*Northeast India, including Orissa.*—The total rainfall was in moderate excess in Bihar, in moderate defect in Assam and Bengal, and in large defect elsewhere. Cloud proportion was in excess in Bihar and Chota Nagpur.

*The United Provinces, Central India and the Central Provinces.*—The month's rainfall was more than three and a half times the average amount in the United Provinces West, Central India, Berar and the Central Provinces West ; it was also in large excess in the United Provinces East and in moderate excess in the Central Provinces East. Skies were generally more clouded than usual. Humidity was in excess except in the United Provinces East. Maximum temperature was below normal by  $2\frac{1}{2}^{\circ}$  in the United Provinces West ; minimum temperature was above normal by  $4\frac{1}{2}^{\circ}$  in Central India West and Berar, and by  $2\frac{1}{2}^{\circ}$  to  $4^{\circ}$  in Central India East and the Central Provinces proper.

*Northwest India.*—The rainfall of the month was between three and a half and five and a half times the normal amount in the Punjab, the North-West Frontier Province, Sind and Rajputana ; it was in moderate excess in Baluchistan and Gujarat, and nearly normal in Kashmir. Cloud proportion was in excess in the Punjab, Rajputana and Gujarat. Humidity was above the average in the Punjab, the North-West Frontier Province and Baluchistan. Maximum temperature was lower than usual by more than  $5^{\circ}$  in the North-West Frontier Province, by  $4\frac{1}{2}^{\circ}$  in the Punjab East and North, and by  $2^{\circ}$  to  $4^{\circ}$  in the Punjab Southwest, Kashmir, Baluchistan and Rajputana East ; minimum temperature was  $2^{\circ}$  in defect in the Punjab Southwest and  $3^{\circ}$  in excess in Gujarat.

*The Peninsula.*—The total rainfall was in moderate defect in the Konkan and Hyderabad Sind, and in slight defect in the Madras Deccan and the Madras Coast North ; it was in very large excess in Hyderabad North, in large excess in the Bombay Deccan and Malabar, and in moderate excess in Mysore and Madras Southeast. Skies were more clouded than usual in the Bombay Deccan, Hyderabad, Mysore, Malabar, Madras Southeast, and in the first two sub-divisions as well as in the Madras Deccan humidity was in excess. Maximum temperature was appreciably higher than usual in the Konkan and lower in the Madras Deccan ; minimum temperature was above normal by  $4\frac{1}{2}^{\circ}$  in Hyderabad North, by  $3\frac{1}{2}^{\circ}$  in the Bombay Deccan, and by  $2\frac{1}{2}^{\circ}$  in Hyderabad South and the Konkan.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions ; and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report ; the divisional means, Tables I and II, are based on these observations.

SIMLA ;

The 7th December 1925. }

C. W. B. NORMAND,

for Director-General of Observatories.

Division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		"	"	%	
Burma . . . . .	0.54	3.04	-2.50	-82	+1.3	-0.1	-1	-0.2
Assam . . . . .	0.48	0.85	-0.37	-44	+0.3	-0.8	-1	-0.1
Bengal . . . . .	0.85	1.23	-0.38	-31	+0.1	-0.3	-1	-0.2
Bihar and Orissa . . . . .	0.22	0.85	-0.63	-74	+0.1	-0.1	-1	+0.4
United Provinces . . . . .	0.82	0.24	+0.58	+242	-1.5	-0.6	+4	+0.6
Punjab . . . . .	0.55	0.11	+0.44	+400	-4.1	-1.3	+9	+0.4
North-West Frontier Province . . . . .	0.81	0.22	+0.59	+268	-5.3	-0.1	+7	-0.3
Sind . . . . .	0.33	0.06	+0.27	+450	-1.7	+1.3	-3	-0.1
Rajputana . . . . .	0.43	0.11	+0.32	+291	-2.4	+1.3	+3	+0.6
Bombay . . . . .	0.94	0.69	+0.25	+36	+0.7	+3.0	+1	+1.0
Central India . . . . .	1.40	0.33	+1.07	+324	+0.3	+3.6	+9	+1.4
Central Provinces . . . . .	1.54	0.55	+0.99	+180	-0.8	+3.3	+8	+1.6
Hyderabad . . . . .	1.57	0.81	+0.76	+94	-0.5	+3.0	+9	+1.2
Mysore . . . . .	3.65	2.59	+1.06	+41	+0.2	+0.8	-2	+1.7
Madras . . . . .	8.93	6.67	+2.26	+34	-0.8	+0.6	+2	+1.0
Mean of India . . . . .	1.62	1.51	+0.11	+7	-0.7	+0.9	+3	+0.6

Sub-division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
1. Bay Islands . . . . .	10.69	9.51	+1.18	+12	-1.6	+0.6	-3	+0.6
2. Lower Burma . . . . .	0.60	3.93	-3.33	-85	+1.8	+0.7	-1	+0.2
3. Upper Burma . . . . .	0.46	1.77	-1.31	-74	+0.7	-1.0	-1	-0.7
4. Assam . . . . .	0.48	0.85	-0.37	-44	+0.3	-0.8	-1	-0.1
5. Bengal . . . . .	0.85	1.23	-0.38	-31	+0.1	-0.3	-1	-0.2
6. Orissa . . . . .	0.18	1.81	-1.63	-90	-0.2	+1.6	+1	+0.2
7. Chota Nagpur . . . . .	0.01	0.48	-0.47	-98	+1.3	+0.3	-4	+1.1
8. Bihar . . . . .	0.39	0.31	+0.08	+26	-0.2	-1.2	-2	+0.3
9. United Provinces, East . . . . .	0.63	0.28	+0.35	+125	-0.8	-0.3	+2	+0.4
10. Do. do. West . . . . .	0.99	0.21	+0.78	+371	-2.4	-1.0	+6	+0.8
11. Punjab, East and North . . . . .	0.70	0.14	+0.56	+400	-4.3	-1.0	+9	+0.3
12. Do. Southwest. . . . .	0.29	0.06	+0.23	+383	-3.7	-2.0	+8	+0.7
13. Kashmir . . . . .	0.45	0.41	+0.04	+10	-3.2	-1.3	-4	+0.2
14. North-West Frontier Province. . . . .	0.81	0.22	+0.59	+268	-5.3	-0.1	+7	-0.3
15. Baluchistan . . . . .	0.31	0.24	+0.07	+29	-2.1	-0.8	+6	+0.1
16. Sind . . . . .	0.33	0.06	+0.27	+450	-1.7	+1.3	-3	-0.1
17. Rajputana, West . . . . .	0.31	0.07	+0.24	+343	-1.7	+0.5	+2	+0.5
18. Do. East . . . . .	0.49	0.12	+0.37	+308	-2.8	+1.9	+3	+0.6
19. Gujarat . . . . .	0.20	0.14	+0.06	+43	+0.5	+2.8	-3	+0.5
20. Central India, West . . . . .	1.29	0.31	+0.98	+316	-0.1	+4.5	+9	+1.5
21. Do. do. East . . . . .	1.51	0.36	+1.15	+319	+0.8	+2.7	+9	+1.2
22. Berar . . . . .	1.93	0.51	+1.42	+278	-0.3	+4.7	+9	+2.1
23. Central Provinces, West. . . . .	2.09	0.58	+1.51	+260	-1.2	+3.7	+8	+1.4
24. Do. do. East . . . . .	0.72	0.52	+0.20	+38	-0.3	+2.5	+8	+1.9
25. Konkan . . . . .	0.71	1.14	-0.43	-38	+2.4	+2.7	+1	+0.3
26. Bombay, Deccan . . . . .	1.96	1.03	+0.93	+90	+0.2	+3.5	+7	+2.0
27. Hyderabad, North . . . . .	3.00	0.55	+2.45	+445	-0.6	+4.4	+12	+1.4
28. Do. South . . . . .	0.50	1.00	-0.50	-50	-0.5	+2.3	+8	+1.1
29. Mysore . . . . .	3.65	2.59	+1.06	+41	+0.2	+0.8	-2	+1.7
30. Malabar . . . . .	10.61	5.41	+5.20	+96	+1.1	+0.4	+1	+1.9
31. Madras, Southeast . . . . .	13.17	9.39	+3.78	+40	-1.7	+0.1	+2	+1.0
32. Do. Deccan . . . . .	1.76	2.30	-0.54	-23	-2.3	+0.5	+5	+0.5
33. Do. Coast, North . . . . .	5.01	5.63	-0.62	-11	-0.3	+1.2	+3	+0.6

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Cloud	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h., reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 H.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
<b>BAY ISLANDS.</b>																				
St Blair .. .. .	29-833	+014	N. 48 E.	3.7	81.2	76.7	85.0	-1.6	87.3	77.7	+0.6	74.2	81	-3	6.3	10.69	+1.18	10	-2.2	3.55
<b>LOWER BURMA.</b>																				
Mergui .. .. .	29-848	+014	N. 74 E.	3.8	77.5	75.0	87.6	+0.5	90.5	72.2	+1.5	68.9	89	+6	4.3	1.81	-1.60	5	-1.0	0.63
Yoy .. .. .	29-912	+017	E.	1.2	75.8	72.8	88.7	+0.8	91.0	70.4	+0.3	66.8	86	+3	4.3	0.43	-1.87	1	-2.9	0.40
Bulmeia .. .. .	29-867	+015	N. 59 E.	2.4	78.5	74.1	89.9	+1.4	92.1	73.7	+2.0	71.3	81	-3	3.1	0	-2.18	0	-2.8	0
Ngoon .. .. .	29-923	+020	N. 27 E.	2.7	78.1	73.8	91.6	+4.1	95.0	74.1	+1.4	70.7	81	-5	4.7	0.28	-2.51	1	-2.3	0.16
Assin .. .. .	29-919	+021	S. 75 E.	2.1	77.0	73.2	89.8	+3.7	92.1	72.7	+0.8	69.8	83	-4	4.3	0.22	-3.02	1	-3.2	0.14
Diamond Island ..	29-877	+010	N. 31 E.	4.9	81.2	76.7	87.3	+1.8	89.5	77.7	+1.9	74.1	81	+1	4.0	0.69	-4.74	3	-2.5	0.30
Ngoo .. .. .	29-784	+009	..	..	74.9	71.1	88.5	+1.7	92.7	68.9	-0.6	64.5	83	-6	3.2	0	-1.82	0	-2.8	0
Bankpyu .. .. .	29-924	+035	N. 50 E.	1.9	78.0	76.2	84.8	+0.6	88.4	73.8	+0.6	67.5	92	+8	4.8	1.49	-5.05	2	-2.8	0.80
Yab .. .. .	29-934	+025	N. 26 E.	4.5	74.5	71.1	86.2	+1.5	89.2	69.1	-1.8	63.5	84	-6	4.7	0.45	-5.03	1	-2.7	0.45
<b>UPPER BURMA.</b>																				
Maba .. .. .	29-799	+009	N. 28 W.	3.5	74.4	68.7	88.2	+1.5	92.5	68.8	-0.1	64.2	74	-6	3.3	0	-1.82	0	-2.5	0
Mettha .. .. .	29-329	+037	..	..	73.0	69.2	87.0	+0.1	91.4	67.8	+0.3	60.9	82	-4	2.6	0.03	-1.86	0	-3.1	0.03
Mandalay .. .. .	29-740	+035	S. 45 W.	1.0	71.9	68.8	89.8	+2.1	93.6	65.3	-2.6	59.2	85	+1	3.2	0.25	-1.38	2	-1.0	0.13
Mywa .. .. .	29-728	+036	N. 8 W.	2.2	71.7	68.3	87.4	+1.5	92.8	65.4	-2.5	57.9	83	-3	4.8	0.34	-1.28	2	-0.1	0.21
Shio .. .. .	27-209	+040	S. 45 E.	1.0	59.7	58.8	77.3	+0.1	80.7	55.4	-0.6	46.0	95	+2	6.2	1.16	-1.59	3	-1.9	0.64
Same .. .. .	29-634	+031	N. 24 E.	1.3	65.2	63.8	81.0	-0.2	85.7	59.3	-0.7	52.1	92	0	3.0	0.99	-0.51	3	+0.3	0.69
Thkyia .. .. .	29-536	+033	N. 34 E.	1.1	64.1	62.1	80.2	-0.2	84.2	59.9	-0.9	54.6	89	+2	3.2	0.44	-0.73	2	0	0.22
<b>ASSAM.</b>																				
Rugark .. .. .	29-673	+031	E.	0.3	64.7	62.0	80.3	+0.8	83.9	58.7	-1.6	50.8	85	-5	2.7	0.09	-1.01	0	-2.3	0.05
Sagar .. .. .	29-726	+048	N. 45 E.	0.1	63.2	62.5	80.3	+2.6	86.4	58.9	-0.7	51.3	96	0	7.9	0.23	-0.87	1	-1.1	0.13
Pur .. .. .	29-793	+047	N. 47 E.	1.0	66.0	63.4	80.6	+0.1	85.1	61.4	0	54.0	86	-3	2.0	1.31	+0.57	3	+1.6	0.45
Thati .. .. .	29-847	+035	N. 44 E.	1.2	66.0	64.7	80.6	-0.9	84.6	60.3	-0.7	53.2	98	+1	5.8	0	-0.44	0	-1.0	0
Abri .. .. .	29-914	+041	S. 77 E.	4.1	68.8	65.1	79.7	-0.1	84.0	63.2	-0.5	55.8	81	-5	1.5	0.76	+0.46	1	+0.5	0.76
Bar .. .. .	29-921	+048	S. 72 E.	0.3	67.1	65.3	84.3	-0.7	87.8	62.4	-1.1	56.2	90	+4	2.7	0.51	-0.80	2	+0.2	0.24
<b>BENGAL.</b>																				
Basar .. .. .	29-922	+040	N. 45 E.	0.4	72.0	69.4	84.3	-0.3	87.7	65.8	-1.6	59.9	87	+1	1.9	1.14	-3.80	2	-1.5	0.57
Tagong .. .. .	29-889	+029	N. 69 E.	6.5	67.3	65.6	82.0	-0.3	86.4	63.5	-2.1	57.5	91	+2	3.6	3.82	+1.95	2	+0.2	2.28
Yanganj .. .. .	29-973	+040	N. 10 E.	0.2	70.8	67.3	83.0	-0.5	86.5	65.4	-0.7	59.6	82	-2	1.7	0.10	-0.38	1	-0.1	0.10
Dsal .. .. .	29-981	+048	N. 5 E.	0.6	70.6	67.3	82.3	-0.6	85.6	65.1	-0.3	59.4	84	+1	1.5	1.70	+0.22	2	+0.4	1.42
Sore .. .. .	29-985	+049	Calm.	0.1	70.9	67.6	81.4	-1.8	85.1	64.9	+1.1	58.9	83	+1	1.7	0.18	-0.84	1	-0.1	0.14
Cutta .. .. .	29-994	+046	N. 9 W.	1.8	69.0	65.7	82.6	+0.4	87.1	65.5	+0.8	58.4	83	+1	1.9	0.31	-0.35	2	+1.0	0.18
Por Island .. .. .	29-991	+042	N. 13 E.	5.5	74.2	69.5	82.0	-0.1	86.2	68.4	+1.3	66.0	78	-7	2.9	0.81	-0.66	1	-0.4	0.79
Dwan .. .. .	29-916	+041	N. 19 W.	0.6	70.3	64.9	84.5	+0.9	88.6	64.2	-0.1	58.0	73	-3	2.4	0.02	-0.84	0	-1.0	0.01
Champore .. .. .	29-962	+052	N. 41 W.	1.2	69.8	65.3	84.2	+2.1	89.9	62.1	-2.2	55.1	79	-5	1.5	0	-0.62	0	-0.7	0
Mensingh .. .. .	29-945	+041	N. 16 E.	0.6	69.5	66.9	82.9	+0.3	85.4	64.7	0	59.1	87	0	2.3	0	-0.88	0	-0.9	0
Tra .. .. .	29-949	+053	N. 46 E.	1.5	68.0	65.1	82.2	-0.1	86.1	62.3	-0.5	55.5	84	0	1.6	0.19	-0.55	1	+0.3	0.19
Champur .. .. .	20-896	+041	N. 26 E.	1.3	67.8	64.0	81.8	-0.6	85.5	62.1	+1.3	55.2	80	-3	1.3	0.08	-0.14	0	-0.4	0.08
Paiguri .. .. .	29-734	+022	N. 8 E.	1.1	65.1	62.6	83.2	+1.4	86.7	59.9	-1.0	53.2	86	+2	1.5	2.65	+2.45	4	+3.6	1.25
<b>ORISSA.</b>																				
Sore .. .. .	29-951	+048	N. 8 W.	1.2	71.1	66.0	84.1	0	89.0	64.0	+0.9	56.8	75	-5	2.9	0.21	-1.13	1	-0.3	0.18
Titla (False Point) ..	29-973	+041	N. 4 W.	4.2	..	..	..	..	..	..	..	..	..	..	4.0	0.45	-3.10	1	-1.4	0.45
Back .. .. .	29-924	+037	N. 22 E.	0.8	71.7	68.2	83.2	-1.7	87.6	67.8	+1.5	61.2	83	+5	2.9	0.07	-1.46	0	-1.7	0.07
Babalpur .. .. .	29-509	+015	N. 32 E.	1.4	69.8	65.4	85.0	+1.2	88.9	64.3	+2.5	54.9	78	+3	2.2	0	-0.83	0	-1.0	0
<b>CHOTA-NAGPUR.</b>																				
Basa .. .. .	29-262	+038	S. 45 W.	2.0	69.2	64.5	83.9	+0.8	87.9	61.4	+1.3	52.7	77	-4	2.7	0	-0.59	0	-1.0	0
Chhi .. .. .	27-867	+055	N. 43 W.	1.7	66.6	53.4	79.6	+1.8	83.3	57.3	-0.6	51.0	60	-4	3.5	0	-0.38	0	-0.8	0
Chibagh (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.02	-0.35	0	-0.9	0.02	

(a) Reports only rainfall.

(d) Mean of 28 days.

(j) Mean of 20 days.

TABLE III, NOVEMBER.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.		RAINFALL.			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
	At 8 h., reduced to 32' and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
BIHAR.																				
Purnea .. .. .	29-901	+035	N. 45 W.	0.6	64.2	61.7	83.7	+1.8	89.1	56.3	-2.7	47.4	87	-2	0.9	0	-0.21	0	-0.4	
Darbhanga .. ..	29-876	+055	W.	0.2	67.7	62.8	81.8	0	87.9	56.9	-3.9	49.1	75	-7	2.1	0.16	-0.05	1	+0.7	
Patna .. .. .	29-858	+054	S. 62 W.	1.6	67.1	61.6	81.2	-0.5	87.5	61.3	+0.3	53.2	71	+1	1.7	0.37	+0.09	2	+1.6	
Gaya .. .. .	29-664	+048	S. 15 W.	0.9	66.9	61.4	80.3	-2.9	88.7	60.9	+1.1	53.2	72	+2	1.3	1.40	+0.95	2	+1.4	
Naya Dumka .. ..	29-517	+036	N. 45 W.	1.3	68.0	62.0	82.6	+0.4	86.6	59.0	-1.0	52.0	69	-4	1.4	0	-0.41	0	-0.7	
UNITED PROVINCES, EAST.																				
Gorakhpur .. ..	29-779	+056	E.	0.5	64.1	60.2	82.7	+0.9	88.4	54.7	-2.8	46.8	79	+3	0.7	0	-0.17	0	-0.3	
Benares .. .. .	29-790	+051	S. 27 W.	1.5	66.3	61.0	82.3	-0.5	90.1	57.6	+2.1	49.5	72	-2	2.2	0.51	+0.21	1	+0.4	
Allahabad .. ..	29-723	+043	N. 74 W.	0.8	65.5	60.1	82.4	-1.0	91.0	54.8	-0.5	44.2	72	+4	1.8	1.46	+1.13	1	+0.4	
Cawnpore .. ..	29-621	+053	S. 69 W.	1.0	64.4	58.2	81.1	-2.7	89.2	55.5	+0.8	47.7	67	0	1.1	1.36	+0.96	1	+0.6	
Lucknow .. .. .	29-654	+037	N. 69 W.	0.9	62.0	57.8	82.7	-1.0	89.3	54.3	+0.8	47.7	77	+7	1.7	0.22	+0.93	1	+0.6	
Bahraich .. .. .	29-636	+043	N. 21 E.	0.9	63.6	59.3	82.8	-0.3	88.4	54.2	-2.2	44.2	76	0	0.4	0.23	-0.05	1	+0.4	
UNITED PROVINCES, WEST.																				
Jhansi .. .. .	29-194	+025	S. 52 W.	2.8	65.1	57.6	82.1	-3.4	91.6	56.2	-2.3	46.0	61	+9	2.1	2.62	+2.45	3	+2.6	
Agra .. .. .	29-468	+033	N. 56 W.	3.2	61.7	54.9	80.3	-5.2	91.3	52.1	+2.6	41.6	63	+5	2.2	1.31	+1.19	3	+2.7	
Mainpuri .. .. .	29-512	+047	N. 56 E.	0.4	64.3	57.1	83.7	-0.6	92.3	51.0	-2.9	42.2	62	-4	1.5	0.44	+0.26	3	+2.7	
Bareilly .. .. .	29-466	+063	N. 80 W.	1.7	60.7	57.6	80.8	-0.6	87.4	52.0	-1.3	44.9	82	+7	1.4	0.03	-0.20	0	-0.4	
Meerut (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.46	+0.31	1	+0.6		
Roorkee .. .. .	29-114	+043	N. 18 W.	1.1	53.6	51.8	77.8	-2.1	86.3	48.5	-1.3	41.8	88	+11	1.2	0.42	+0.15	1	+0.5	
Dehra Dun (a) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.64	+1.26	3	+2.3		
PUNJAB, EAST AND NORTH.																				
Delhi .. .. .	29-297	+037	(c) N. 70 W.	1.7	60.7	54.1	77.3	-4.9	87.4	57.5	+0.8	52.5	63	+8	1.8	0.85	+0.74	1	+0.7	
Hissar .. .. .	29-303	+042	S. 25 W.	2.6	54.8	49.2	81.6	-3.0	90.2	50.0	-0.3	43.2	64	+4	1.2	0.17	+0.14	1	+0.9	
Ambala .. .. .	29-110	+033	N. 4 W.	2.2	55.5	51.0	79.3	-2.6	87.1	48.2	-1.7	39.4	72	-1	1.5	0.35	+0.07	1	+0.6	
Ludhiana .. .. .	29-203	+041	N. 47 W.	1.5	55.3	50.8	78.6	-2.0	86.4	48.6	-3.1	39.0	72	+7	1.4	0.34	+0.23	2	+1.7	
Lahore .. .. .	29-322	+045	N.	1.0	52.2	50.2	77.1	-6.1	84.9	48.8	+0.4	41.2	87	+14	1.8	0.68	+0.61	3	+2.8	
Sialkot .. .. .	29-195	+047	N. 18 E.	0.5	53.8	51.9	74.3	-6.5	81.7	47.9	-1.7	40.5	88	+18	1.7	1.66	+1.55	4	+3.7	
Rawalpindi .. ..	28-354	+046	N. 56 E.	1.8	49.1	46.0	72.5	-5.0	78.8	42.9	-1.3	35.4	79	+14	1.2	0.85	+0.59	2	+1.6	
PUNJAB, SOUTHWEST.																				
Khushab .. .. .	29-447	+058	S. 86 E.	3.0	55.7	50.1	78.5	-4.4	86.0	47.4	-2.8	38.4	64	+13	1.6	0.62	+0.54	2	+1.8	
Lyallpur .. .. .	29-431	+060	S.	1.3	55.0	51.0	77.7	-4.0	84.0	47.6	-0.2	39.8	75	+6	3.3	0.54	+0.53	2	+2.0	
Montgomery .. ..	29-482	+048	E.	1.7	60.0	52.8	79.4	-4.5	85.8	49.0	-2.7	40.5	59	+7	1.5	0	-0.07	0	-0.2	
Multan .. .. .	29-633	+063	N. 43 E.	1.6	58.2	52.5	82.5	-2.0	89.8	51.5	-2.2	43.6	66	+6	1.3	0	-0.07	0	-0.1	
KASH MIR.																				
Srinagar .. .. .	25-041	+044	S. 23 E.	2.1	39.5	..	57.8	-2.7	63.6	31.0	-0.7	23.1	(f) 79	-5	3.0	0.50	+0.07	2	+0.8	
Sonamarg (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.59	+0.17	4	+1.6		
Dras .. .. .	20-912	+047	S. 75 W.	1.1	18.3	..	36.8	-4.3	45.2	15.5	+2.3	8.0	..	..	2.9	0.30	-0.14	1	-0.2	
Leh .. .. .	19-791	+035	Calm.	1.6	24.2	..	43.2	-4.2	51.2	17.7	-2.7	11.2	..	..	3.2	0.20	+0.17	1	+0.8	
Skardu .. .. .	23-030	+038	Calm.	1.4	29.9	(f)	52.2	-1.8	60.5	26.7	-2.7	19.0	..	..	4.0	0.05	-0.62	0	-0.2	
Gilgit (c) .. .. .	25-343	+061	S. 18 W.	0.4	44.6	37.4	60.1	-2.8	65.2	39.2	-2.6	34.2	(f) 45	-3	3.6	0.04	-0.02	0	-0.3	
NORTH-WEST FRONTIER PROVINCE.																				
Peshawar .. .. .	28-947	+049	Calm.	0.1	49.0	46.2	71.8	-5.2	78.8	45.2	-0.6	38.2	79	+11	1.8	0.72	+0.44	2	+1.5	
Dera Ismail Khan ..	29-499	+077	N. 45 E.	0.3	58.0	52.8	76.6	-5.3	82.0	48.8	+0.4	40.0	70	+4	1.0	0.90	+0.74	2	+1.6	
BALUCHISTAN.																				
Fort Sandeman .. ..	25-523	+045	S. 33 E.	0.8	43.0	(g) 38.8	67.3	-4.0	72.1	41.5	+2.2	35.2	(g) 62	+14	2.2	1.38	+1.13	2	+1.4	
Harnai (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.50	+0.05	2	+1.4		
Quetta .. .. .	24-746	+017	S. 24 E.	1.3	32.0	..	63.4	-2.0	69.4	28.6	-3.8	22.2	(e) 81	..	1.5	0.07	-0.25	0	-0.9	
Chaman .. .. .	25-830	+039	S. 57 E.	3.2	46.1	39.4	65.7	-1.8	74.9	41.7	-0.5	35.0	53	+8	0.8	0.06	-0.25	0	-0.9	
Kalat .. .. .	23-813	+009	S. 3 W.	4.6	30.9	..	60.6	-4.8	66.9	27.6	0	18.9	(f) 49	..	1.3	0.20	-0.13	2	+1.0	
Dalbandin .. .. .	27-243	+013	N. 60 E.	2.9	46.0	40.2	74.4	-1.7	85.3	40.7	+0.7	30.1	(f) 49	+2	1.9	0.28	+0.16	1	+0.7	
Pasni .. .. .	30-027	+032	N. 60 W.	5.3	63.8	60.1	84.0	-0.9	89.3	55.8	-3.3	47.8	80	+12	0.2	0	-0.05	0	-0.2	
Panjour .. .. .	26-843	+021	N. 63 E.	3.9	47.1	39.7	75.0	+0.4	83.7	..	..	..	49	-4	0.6	0	-0.09	0	-0.2	

(a) Reports only rainfall. (c) Mean of 20 days. (d) Mean of 28 days. (e) Mean of 27 days. (f) Mean of 26 days. (g) Mean of 25 days. (h) Mean of 20 days. (v) Mean of 10 days.

TABLE III, NOVEMBER.

STATION	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.		RAINFALL.					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
	At 2 h. reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 H.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.		
<b>SIND.</b>																						
Jacobabad .. .. .	29.883	+ .068	N. 7 W.	1.1	64.5	54.4	84.1	-3.3	94.1	54.2	+2.2	44.6	48	-9	0.4	0	-0.07	0	-0.1	0		
Hyderabad .. .. .	29.650	+ .057	N. 22 W.	2.9	66.6	57.2	86.7	-1.9	96.4	60.2	+1.1	52.0	52	-1	0.7	0	-0.06	0	-0.1	0		
Karachi .. .. .	30.035	+ .047	N. 23 E.	5.7	71.2	62.9	85.0	0	92.2	67.0	+0.5	59.6	61	0	1.9	0.98	+0.94	2	+1.9	0.86		
<b>RAJPUTANA, WEST.</b>																						
Bikaner .. .. .	29.252	+ .044	S. 84 E.	2.7	62.9	53.0	83.4	-2.0	94.8	56.2	-2.3	49.3	48	+1	1.6	0.58	+0.54	1	+0.9	0.53		
Jodhpur .. .. .	29.226	+ .025	N. 45 E.	2.8	67.6	55.1	87.4	-1.4	96.5	61.9	+3.3	53.3	40	+3	1.6	0.05	-0.06	0	-0.2	0.05		
<b>RAJPUTANA, EAST.</b>																						
Jaipur .. .. .	28.598	+ .043	N. 26 E.	2.2	65.3	55.1	82.0	-3.9	90.5	56.7	+1.3	46.0	50	0	1.9	0.60	+0.46	2	+1.7	0.28		
Ajmer .. .. .	28.400	+ .024	Calm	0.6	57.3	51.3	81.1	-2.7	91.4	55.9	+3.2	45.8	65	+2	1.1	0.82	+0.64	1	+0.6	0.77		
Kotah .. .. .	29.171	+ .021	N. 52 E.	0.1	87.8	58.7	85.3	-1.9	95.6	61.1	+1.2	51.4	56	+8	2.0	0.53	+0.42	1	+0.5	0.31		
Udaipur (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-0.06	0	-0.2	0			
<b>GUJARAT.</b>																						
Deesa .. .. .	29.529	+ .022	(c) S. 56 E.	5.8	75.6	59.3	93.7	+1.4	101.8	58.8	+0.9	47.7	33	-0	1.1	0	-0.10	0	-0.2	0		
Bhuj .. .. .	29.667	+ .029	N. 25 E.	9.3	73.0	60.8	89.4	-0.2	97.2	62.8	+0.5	51.5	46	-10	1.5	0.17	+0.09	1	+0.9	0.17		
Dwarka .. .. .	29.951	+ .011	N. 26 E.	8.0	77.7	68.6	86.9	+0.2	92.7	70.1	+1.5	59.5	61	-7	1.9	0	-0.03	0	-0.1	0		
Rajkot .. .. .	29.521	- .003	N. 39 E.	3.8	73.1	62.7	91.6	+0.7	99.7	64.1	+4.1	52.5	53	+4	1.8	0.57	+0.34	2	+1.7	0.45		
Veraval .. .. .	29.945	+ .016	N. 24 E.	4.6	76.8	65.4	89.5	+0.8	97.9	71.5	+3.7	65.6	52	-2	1.3	0.03	-0.16	0	-0.1	0.03		
Surat .. .. .	29.928	+ .010	S. 86 E.	1.7	78.1	67.5	92.7	+1.1	98.3	69.9	+5.7	59.3	55	-5	3.3	0.02	-0.17	0	-0.3	0.02		
Ahmadabad .. .. .	29.828	+ .015	N. 82 E.	4.3	74.8	63.2	92.3	-0.6	101.0	68.6	+3.1	59.3	50	+5	0.7	0.58	+0.43	1	+0.6	0.55		
<b>CENTRAL INDIA, WEST.</b>																						
Neemuch .. .. .	28.373	+ .017	E.	2.6	69.0	59.9	84.0	-0.7	93.1	58.5	+3.5	48.8	60	+12	2.5	0.56	+0.35	2	+1.7	0.40		
Indore .. .. .	28.155	+ .009	S. 61 E.	1.5	69.5	61.2	84.3	+0.4	94.8	60.3	+5.4	47.7	61	+5	3.0	2.02	+1.61	4	+3.3	0.86		
<b>CENTRAL INDIA, EAST.</b>																						
Nowgong .. .. .	29.260	+ .035	S. 37 E.	0.5	60.7	57.6	85.1	+3.0	95.1	55.2	+2.2	43.5	83	+13	2.2	2.18	+1.80	3	+2.3	1.47		
Sutna .. .. .	28.960	+ .034	S. 45 E.	0.7	64.2	58.6	79.9	-1.4	88.0	57.6	+3.2	47.0	71	+6	3.0	0.84	+0.50	2	+1.3	0.39		
<b>BERAR.</b>																						
Akola .. .. .	29.048	+ .008	N. 86 E.	1.9	72.4	64.1	88.1	0	95.9	64.4	+6.4	50.5	61	+6	4.5	2.22	+1.74	3	+2.2	1.06		
Amraoti .. .. .	28.766	+ .021	N. 64 E.	3.8	73.5	64.7	86.2	-0.6	93.0	65.3	+2.9	57.3	61	+12	3.9	1.65	+1.10	1	0	1.52		
<b>CENTRAL PROVINCES, WEST.</b>																						
Khandwa .. .. .	28.934	+ .015	S. 78 E.	3.3	71.6	64.4	87.2	-0.5	97.1	61.9	+5.3	46.2	67	+11	3.6	2.57	+2.04	4	+3.1	0.83		
Hoshangabad .. .. .	29.008	+ .033	N. 55 E.	0.9	67.9	61.0	84.9	+0.5	95.3	61.8	+4.7	48.6	65	+1	3.5	1.70	+1.08	3	+2.3	0.78		
Saugor .. .. .	28.179	+ .025	S. 84 E.	3.8	66.9	58.2	80.0	-2.3	89.0	58.4	+0.3	50.0	59	+11	3.5	1.24	+0.78	5	+4.3	0.50		
Jubbulpore .. .. .	28.648	+ .013	S. 31 E.	1.2	66.1	60.9	80.4	-1.6	90.7	57.9	+4.7	45.5	73	+2	2.3	1.83	+1.26	5	+4.1	0.70		
Seoni .. .. .	27.952	+ .019	N. 30 E.	2.7	86.7	61.5	79.7	-1.8	87.2	59.4	+3.9	48.3	74	+15	2.9	1.91	+1.32	5	+4.1	0.50		
Nagpur .. .. .	28.972	+ .027	N. 56 E.	3.0	70.2	63.0	84.3	-1.3	90.9	63.6	+3.6	53.8	65	+7	1.9	3.28	+2.57	6	+5.0	1.60		
<b>CENTRAL PROVINCES, EAST.</b>																						
Pendra .. .. .	27.959	+ .033	N. 4 W.	1.9	66.7	61.2	77.3	-2.0	84.3	58.3	+2.2	43.8	72	+13	4.5	1.59	+1.22	3	+2.1	1.20		
Raipur .. .. .	28.997	+ .009	N. 30 W.	1.6	69.6	65.1	83.5	0	88.7	63.2	+2.4	53.4	78	+12	4.3	0.52	+0.12	3	+2.1	0.24		
Chanda .. .. .	29.351	+ .022	N. 49 E.	1.8	72.1	67.7	85.3	-0.3	89.7	62.8	+3.8	49.9	79	+7	4.3	0.74	+0.06	3	+1.7	0.33		
Jagdalspur .. .. .	28.141	+ .028	E.	1.6	68.4	64.7	82.8	+0.9	87.4	61.6	+1.6	51.8	81	0	3.7	0.04	-0.69	0	-1.3	0.04		
<b>KONKAN.</b>																						
Bombay .. .. .	29.902	+ .006	N. 70 E.	5.6	79.2	73.2	90.5	+3.1	93.2	77.1	+3.3	70.5	73	-1	2.9	0.37	-0.04	2	+1.3	0.24		
Ratnagiri .. .. .	29.714	+ .012	N. 75 E.	5.2	80.9	71.6	92.5	+1.9	97.2	74.5	+3.9	66.4	62	+4	1.7	1.48	+0.55	1	-0.3	1.45		
Marmagao .. .. .	29.869	+ .019	N. 70 E.	3.3	..	..	..	..	..	..	..	..	..	..	4.5	0.15	-1.15	1	-1.2	0.15		
Karwar .. .. .	29.871	+ .012	N. 7 W.	1.4	73.8	70.1	89.6	+2.1	94.2	70.8	+0.9	62.1	84	+1	2.6	0.84	-1.08	2	-0.8	0.56		
<b>BOMBAY DECCAN.</b>																						
Malegaon .. .. .	28.539	+ .014	S. 28 W.	3.2	72.2	64.5	88.1	+0.2	96.5	64.3	+6.6	49.0	65	+13	4.6	1.86	+1.25	4	+3.0	0.79		
Ahmadnagar .. .. .	27.822	+ .017	S. 22 E.	3.5	72.5	64.5	84.0	-1.7	90.8	61.2	+3.1	49.3	64	+9	4.5	5.85	+5.22	5	+3.7	2.25		
Poona .. .. .	28.169	+ .009	N. 77 E.	2.0	71.8	64.0	87.9	+1.1	92.8	63.5	+4.1	48.5	64	+1	4.2	0.61	-0.37	2	+0.3	0.35		
Sholapur .. .. .	28.398	+ .032	S. 56 E.	6.5	74.1	66.1	86.9	+0.6	91.4	64.6	+1.8	50.9	64	+11	3.6	0.90	-0.15	3	+1.5	0.41		
Bijapur .. .. .	28.013	+ .029	S. 51 E.	3.2	72.5	65.4	85.1	-0.9	88.7	65.4	+3.2	53.1	68	+3	4.2	1.78	+0.64	2	+0.2	1.05		
Belgaum .. .. .	27.400	+ .020	N. 89 E.	3.9	70.3	63.6	84.6	+2.1	88.0	63.5	+2.0	54.6	68	+3	5.5	0.74	-1.00	3	+0.6	0.44		
<b>HYDERABAD, NORTH.</b>																						
Aurangabad .. .. .	28.074	+ .003	S. 87 E.	4.8	72.2	68.6	85.3	-1.5	93.2	65.5	+5.5	54.8	62	+1	5.7	2.52	+1.94	5	+4.1	0.80		
Farbhani (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5.52	+5.04	3	+1.7	3.07			
Nizamabad .. .. .	28.713	+ .037	N. 74 E.	1.0	71.2	66.7	86.0	+0.3	90.8	63.7	+3.3	51.2	78	+	2.0	0.95	+0.36	1	0	0.91		

(a) Report: only rainfall.

(c) Mean of 29 days.

TABLE III, NOVEMBER.

STATION.	PRESSURE.		WIND.		TEMPERATURE.							HUMIDITY.		CLLOUD	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	At 8 h., reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 H.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.							
<b>HYDERABAD, SOUTH.</b>																			
Gulbarga .. .. .	28.453	+021	N. 73 E.	6.7	72.3	65.7	83.3	+0.7	91.8	65.6	+2.2	55.7	69	+6	4.3	0.60	-0.40	1	-0.6
Raichur .. .. .	28.636	+027	S. 81 E.	4.5	74.4	67.3	86.9	+0.1	90.3	68.5	+0.8	55.8	68	+3	1.9	0.48	-0.47	2	+0.2
Hyderabad .. .. .	28.249	+031	S. 67 E.	3.1	71.8	66.9	82.3	-2.2	85.9	65.7	+2.5	54.8	77	+6	5.1	0.88	-0.22	2	-0.2
Hanamkonda .. .. .	29.091	+026	S. 33 E.	2.8	73.4	69.4	85.7	-0.4	90.5	69.4	+3.9	59.2	81	+17	5.3	0.05	-0.89	0	-1.3
<b>MYSORE.</b>																			
Chitaldrug .. .. .	27.543	+023	S. 71 E.	1.2	71.8	64.6	82.5	-0.3	88.1	66.0	+1.4	58.3	68	-3	7.5	4.40	+2.12	3	-0.6
Bangalore .. .. .	26.948	+012	N. 67 E.	5.6	68.0	63.8	81.3	+1.5	86.3	62.3	+0.1	58.6	79	0	6.6	1.23	-1.71	5	+0.3
Mysore .. .. .	27.420	+011	N. 54 E.	3.1	70.8	65.7	81.9	-0.5	88.2	65.2	+0.8	61.4	76	-2	6.4	5.32	+2.77	4	+0.3
<b>MALABAR.</b>																			
Mangalore .. .. .	29.819	-007	N. 81 E.	3.8	80.1	73.2	90.9	+3.3	94.7	73.7	+0.3	65.3	70	-7	5.0	1.97	-1.15	2	-2.7
Calicut .. .. .	29.852	-006	S. 79 E.	3.5	79.8	76.3	90.0	+3.4	93.3	73.8	0	68.3	85	+1	6.4	9.53	+4.15	7	+0.7
Cochin .. .. .	29.880	+033	N. 67 E.	2.7	79.4	75.1	86.6	-1.0	91.0	75.2	+0.7	72.0	82	+1	6.6	15.85	+9.31	9	+0.3
Trivandrum .. .. .	29.677	-005	N. 67 E.	3.2	76.8	75.0	81.5	-1.3	85.2	74.8	+0.7	72.3	92	+7	8.4	15.11	+8.52	9	-0.5
<b>MADRAS, SOUTHEAST.</b>																			
Tinnevely (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20.90	+13.49	13	+3.2
Pamban .. .. .	29.840	-003	N. 23 E.	10.6	78.3	75.6	84.7	-0.4	87.1	75.9	-0.1	73.9	88	+3	5.8	16.17	+4.17	20	+7.0
Madura .. .. .	29.438	-011	N. 20 E.	3.3	75.9	72.8	85.1	-2.3	92.1	73.1	+0.4	70.8	86	+8	8.0	8.93	+3.98	10	+2.4
Negapatam .. .. .	29.868	+011	N. 5 W.	8.2	76.9	73.7	82.3	-2.3	86.0	74.0	-0.3	62.6	8	+2	7.2	13.06	+1.34	20	+7.4
Trichinopoly .. .. .	29.661	+015	N. 14 E.	2.8	78.6	73.8	83.3	-0.9	92.9	72.4	+0.3	64.4	79	-1	6.0	7.05	+1.48	12	+3.5
Coimbatore .. .. .	28.563	+005	N. 47 E.	2.1	74.1	69.9	81.9	-3.9	88.4	68.7	-0.2	64.3	81	-2	5.3	6.95	+3.20	9	+2.0
Salem .. .. .	29.000	+017	N. 44 E.	3.6	76.0	70.7	86.8	-0.4	93.9	69.7	+0.7	61.1	77	-2	5.5	2.85	-0.83	7	+0.8
Cuddalore .. .. .	29.882	+019	N. 16 W.	4.8	75.5	73.3	82.1	-1.7	89.2	72.4	-0.1	62.6	90	+3	7.3	10.04	+4.96	17	+5.7
Madras .. .. .	29.903	+016	N. 4 W.	4.6	77.6	74.7	83.9	-1.3	88.1	72.5	+0.3	63.4	87	+3	6.7	16.62	+2.37	15	+3.5
<b>MADRAS DECCAN.</b>																			
Cuddappah .. .. .	29.513	+021	N. 22 W.	(c)	75.0	71.7	85.3	-3.1	92.4	69.8	0	63.4	85	+9	6.0	3.24	-0.32	7	+1.5
Bellary .. .. .	28.468	+026	S. 72 E.	3.5	73.5	67.5	84.8	-2.7	90.1	66.8	+0.6	61.2	73	+6	3.9	1.17	-1.02	3	-0.3
Kurnool .. .. .	29.022	+024	N. 67 E.	0.9	73.6	68.0	87.1	-1.1	91.0	66.4	+1.0	53.9	73	0	3.4	0.87	-0.27	2	-0.2
<b>MADRAS COAST, NORTH.</b>																			
Nellore .. .. .	29.878	+026	N. 20 W.	2.3	76.0	73.6	83.9	-1.8	88.2	71.9	+0.1	64.8	8	+5	6.3	11.44	+10.20	12	+3.4
Masulipatam .. .. .	29.948	+019	N. 16 E.	5.4	77.4	73.1	81.0	-1.3	86.3	72.8	+1.5	69.5	80	-1	4.0	2.44	-3.23	5	+0.5
Cocanada .. .. .	29.937	+023	N. 36 E.	8.7	77.8	73.4	83.4	+0.3	85.8	72.7	+1.5	69.5	80	+4	5.7	4.62	-0.83	4	-0.6
Vizagapatam .. .. .	29.934	+031	N. 25 E.	5.2	79.2	71.9	84.0	-0.3	86.8	73.0	+1.2	65.9	69	+4	5.0	1.57	-2.18	2	-2.0
Calingapatam .. .. .	29.963	+039	N. 6 E.	6.7	76.0	72.6	83.3	-0.2	88.0	71.2	+1.2	66.5	81	+1	3.7	0	-3.70	0	-2.9
Gopalpur .. .. .	29.945	+036	N.	5.	74.8	71.4	85.1	+1.4	89.3	63.2	+1.9	60.4	84	+5	3.0	0	-4.02	0	-3.0
<b>HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN.</b>																			
Maymyo .. .. .	26.486	+023	N. 82 W.	1.2	61.8	60.7	76.3	+3.0	79.6	52.1	-0.8	41.0	94	+3	3.5	0.41	-2.86	2	-3.9
Shillong .. .. .	25.204	+022	E.	1.0	57.3	52.3	65.6	-1.0	70.9	42.7	-3.6	33.0	72	-1	1.4	0.36	-1.92	2	-0.3
Cherrapunji .. .. .	25.769	+038	N. 59 E.	2.9	62.1	52.9	67.8	-0.1	73.6	52.5	-1.5	48.3	54	-15	2.2	0.46	-2.77	1	-0.5
Darjiling .. .. .	23.019	+023	N. 64 E.	1.6	47.5	43.6	55.2	-0.4	59.9	42.5	-0.3	38.8	75	-3	3.0	0.41	-0.37	1	-0.1
Mukteswar .. .. .	22.899	+018	E.	3.4	47.6	39.0	56.1	-3.5	64.6	42.0	-0.6	33.0	47	0	2.0	0.63	+0.28	1	+0.3
Mussooree (a) .. .. .	(c)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2.76	+2.37	2	+1.0
Chakrata .. .. .	23.508	+030	N. 72 E.	6.4	50.6	43.2	57.9	-2.9	65.9	42.0	-1.8	31.5	56	+5	1.7	3.27	+2.69	3	+2.1
Simla .. .. .	23.174	+028	S. 7 W.	4.6	47.0	37.8	53.6	-2.4	59.1	42.9	-1.8	35.4	42	+1	2.3	2.85	+2.33	4	+2.9
Dalhousie (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5.77	..	4	..
Murree .. .. .	24.077	+044	S. 42 E.	4.0	51.4	39.6	56.4	-3.6	63.0	45.5	-0.1	33.0	33	-6	1.7	1.61	+0.84	3	+1.8
Cherat .. .. .	25.840	+048	N. 9 W.	9.9	52.9	44.3	60.4	-5.5	67.6	49.8	+0.5	43.3	50	+9	1.7	2.55	+2.32	3	+2.4
Parachinar .. .. .	24.548	+037	Calm.	0	47.4	33.7	61.4	-3.4	67.4	36.5	-3.1	32.7	49	+3	1.5	0.65	+0.14	2	+0.4
Drosh .. .. .	25.204	+008	E.	1.5	45.3	39.4	59.8	-1.7	69.8	42.2	-1.5	36.0	57	+8	2.4	0.83	+0.50	3	+1.7
Mount Abu .. .. .	26.126	+012	N. 7 E.	2.6	66.3	54.0	74.0	+0.4	89.5	58.2	+0.1	51.4	44	+4	1.5	0	-0.19	0	-0.3
Pachmarhi .. .. .	26.535	+029	S. 53 E.	2.1	64.1	58.5	73.8	-0.4	83.4	54.7	+3.7	40.6	69	+12	3.3	3.08	+2.35	6	+4.9
Mercara (c) .. .. .	26.184	-006	N. 71 E.	5.1	64.0	60.8	73.7	-1.8	78.3	60.5	+0.4	53.2	83	-2	9.4	5.89	+2.68	3	-2.5
Kodaikanal .. .. .	22.778	-003	N. 70 E.	9.3	54.3	51.3	59.5	-1.7	65.9	49.7	+0.3	44.7	83	0	8.2	22.41	+14.24	13	+1.0
<b>CEYLON.</b>																			
Colombo .. .. .	29.840	-016	(c) N. 59 E.	2.2	75.0	73.7	85.9	-0.5	88.6	73.7	-0.2	70.2	94	+8	7.1	25.00	+12.65	16	+2.8

(a) Reports only rainfall. (b) Aneroid, (c) Mean of 29 days, (d) Mean of 23 days, (e) Mean of 21 days, (f) Mean of 15 days.

# MONTHLY WEATHER REPORT

FOR

December 1925.

Supplement to the Indian Daily Weather Report for the 12th January 1926.

*Published by order of the Governor-General in Council.*

*Summary.*—Dry settled weather in northern India was accompanied by unusually abundant rainfall in Madras, where much flooding occurred. A storm of very small extent moved northwards in the centre of the Bay between the 19th and 21st.

During the first two days of the month rain fell locally in south Madras. A depression then began to form to the southeast of Ceylon and restricted rainfall to the coast between Trivandrum and Cuddalore. Moving slowly westward it passed into the southeast Arabian Sea on the 7th; and then advanced in a northerly direction, weakening however at the same time into a trough of pressure, which persisted till about the 12th. Rainfall associated with this disturbance was confined to south Madras till the 7th, but later extended northwards and was widespread between the 9th and the 11th in the centre and south of the Peninsula, the falls being locally heavy in south Madras. Of these heavy falls the most noteworthy is a fall of  $8\frac{1}{2}$ " in three hours reported to have occurred at Pattukottai in the Tanjore district on the night of the 10th-11th; it caused a breach in the railway line between that station and Adirampatnam, and thus led to a serious disaster to a railway train in which 8 people were killed and 21 others injured. This fall is a record for Pattukottai during the 32 years, for which observations are available. According to newspaper reports, most of the rivers in south Madras were in flood during this period of wet weather; those in Amravati in the Coimbatore district were attended with the loss of at least five lives and with considerable destruction of property and of cattle, while the rise in the Vaigai resulted in breaches of the railway line near Tiruppavanam in the Madura district and the inundation of a portion of that town. A railway station on the bank of the Coleroon is also reported to have been flooded.

The disappearance of the trough of pressure in the southeast Arabian Sea on the 12th synchronised with a temporary withdrawal of the northeast monsoon from the Bay and weather was practically dry over the whole country from the 12th to 17th. Rainfall reappeared in the Bay Islands on the 18th and from morning to noon on the following day S. S. Oxfordshire encountered frequent squalls of gale force and high seas owing to a storm of very small extent which was then centred near Lat.  $11^{\circ}$  N. Long.  $89^{\circ}$  E. The storm moved northwards and was probably dissipated on the 21st; it left however two regions of unsettled weather in the Bay on that and the next day, one off Orissa and the other off Diamond Island, which caused nearly general rain in Orissa, with a few falls in southeast Bengal and central Burma. With the return of normal weather in the Bay northeast monsoon conditions reappeared and local rain fell in the south and centre of the Peninsula between the 23rd and 28th.

Unsettled conditions, connected with a tendency to low pressure over Gujarat, set in over the central parts of the country on the 27th and produced local rain in the west of the Central Provinces and the adjoining districts of the Bombay Deccan during the last five days of the month.

As many as eight western disturbances passed into northwest India, but they were all very feeble and gave no precipitation beyond a few light falls in northeast Baluchistan on the 25th.

The total rainfall of the month was in very large excess in Mysore and the Madras Deccan, in large excess over the rest of the Madras Presidency, in Berar and Orissa, and in slight to moderate excess in the Bay Islands, the Bombay Deccan and Hyderabad South; it was in moderate defect in the Central Provinces East and in large defect elsewhere, weather being altogether dry over most of northern India.

Maximum temperature was abnormal in Baluchistan from the 1st to the 14th and on most days from the 20th onwards, in Rajputana between the 13th and 15th and again between the 27th and 29th and in Gujarat during the last five days of the month; it was below normal in the south and central districts of the Peninsula between the 7th and 13th and in the north of the Peninsula between the 18th and 21st. Minimum temperature was higher than usual over the greater part of the Peninsula between the 26th and 31st, in the central parts of the country and Gujarat on these days as well as between the

10th and 12th, and in Orissa between the 23rd and 28th ; it was lower in Burma between the 9th and 11th, in Assam between the 8th and 21st, in the United Provinces and Central India from the 2nd to the 5th, and over the greater part of northwest India between the 19th and 21st. In keeping with the extremely settled weather in northwest India minimum temperature was markedly higher at Cherat and Murree than at the corresponding submontane stations of Peshawar and Rawalpindi throughout the month and this feature was noticeable also on the majority of days in the case of Simla and Ambala : on the mean of the month night temperature at Peshawar, Rawalpindi and Ambala was lower by  $12^{\circ}$ ,  $9^{\circ}$  and  $4^{\circ}$  respectively than the neighbouring hill stations.

### Summary of the local conditions.

*Burma, including the Bay Islands.*—The rainfall of the month was in slight excess in the Bay Islands but in large defect in Burma. In Lower Burma while skies were more clouded than usual humidity was in defect.

*Northeast India, including Orissa.*—Rainfall was in large excess in Orissa, but in very large defect elsewhere, Bihar being entirely rainless during the month. There was more cloud than usual in Bengal, Orissa and Chota Nagpur. Maximum temperature was below normal in Orissa and the minimum in Assam, the deficiency in the latter case averaging nearly  $4^{\circ}$ .

*The United Provinces, Central India and the Central Provinces.*—There was no rain during the month in the United Provinces and Central India East, although normally between one and two-fifths of an inch can be expected : the month's rainfall was also in large defect in Central India West and the Central Provinces West, and in moderate defect in the Central Provinces East. On the other hand Berar received nearly twice the normal amount. Cloud proportion was in excess in the Central Provinces including Berar, and in Central India West. Humidity was above normal in the eastern half of the division. Minimum temperature was appreciably below normal in the United Provinces West.

*Northwest India.*—The month was almost rainless in Baluchistan and altogether rainless over the rest of the division. Skies were more clouded than usual in Gujarat and less clouded elsewhere. Humidity was in excess in the North-West Frontier Province and in defect in Baluchistan, Sind, Rajputana West and Gujarat. Maximum temperature was above normal by  $5^{\circ}$  in Baluchistan and  $2^{\circ}$  to  $3^{\circ}$  in the Punjab Southwest, Kashmir and Rajputana West ; minimum temperature was appreciably high in Gujarat and low in the Punjab, Kashmir and the North-West Frontier Province.

*The Peninsula.*—The total rainfall was nearly six times the normal in the Madras Deccan, nearly four times in Mysore and between two and two and a half times in Madras Southeast, Malabar and the Madras Coast North ; it was in moderate excess in the Bombay Deccan and Hyderabad South, but in large defect in the Konkan and Hyderabad North, the latter subdivision being altogether rainless. Cloud proportion was generally high. Humidity was in excess except in the Konkan, Madras Southeast and the Madras Coast North. Maximum temperature was below normal outside the west coast, the deficiency averaging more than  $5^{\circ}$  in the Madras Deccan ; minimum temperature was sensibly above normal on the west coast and in Mysore and the Madras Deccan.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions ; and Table II similar data for the 33 subdivisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Report ; the divisional means, Tables I and II, are based on these observations.

SIMLA ;  
The 6th January 1926. }

C. W. B. NORMAND,  
for Director-General of Observatories.

TABLE I, DECEMBER.

Division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma . . . . .	0.12	0.66	-0.54	-82	-0.5	-1.5	-4	+0.8
Assam . . . . .	0.02	0.29	-0.27	-93	+0.2	-3.8	-2	+0.2
Bengal . . . . .	0.02	0.24	-0.22	-92	+0.2	-0.5	0	+0.9
Bihar and Orissa . .	0.18	0.20	-0.02	-10	-0.7	-0.7	0	+0.9
United Provinces . .	0	0.32	-0.32	-100	+1.0	-2.1	+4	-0.1
Punjab . . . . .	0	0.49	-0.49	-100	+1.5	-2.8	+2	-1.4
North-West Frontier Province	0	0.39	-0.39	-100	-0.6	-2.7	+7	-2.5
Sind . . . . .	0	0.11	-0.11	-100	+0.8	-1.1	-9	-0.7
Rajputana . . . . .	0	0.19	-0.19	-100	+1.1	-0.4	-4	-0.5
Bombay . . . . .	0.16	0.16	0	0	+0.1	+2.0	-2	+1.7
Central India . . . .	0.01	0.29	-0.28	-97	+0.9	-0.1	+3	+0.2
Central Provinces . .	0.29	0.38	-0.09	-24	-1.6	+0.7	+2	+1.7
Hyderabad . . . . .	0.15	0.29	-0.14	-48	-2.5	+0.9	+6	+2.1
Mysore . . . . .	1.56	0.40	+1.16	+290	-2.1	+2.4	+8	+3.6
Madras . . . . .	5.85	2.59	+3.26	+126	-2.2	+1.3	+4	+1.8
Mean of India . . . .	0.67	0.56	+0.11	+20	-0.3	-0.5	0	+0.6

TABLE II, DECEMBER.

Sub-division.	RAINFALL.				DEPARTURE FROM NORMAL OF			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
1. Bay Islands . . . . .	7.72	6.91	+0.81	+12	-1.9	+0.5	-2	+0.3
2. Lower Burma . . . . .	0.15	0.77	-0.62	-81	+0.1	-1.5	-6	+1.0
3. Upper Burma . . . . .	0.08	0.51	-0.43	-84	-1.4	-1.5	-1	+0.6
4. Assam . . . . .	0.02	0.29	-0.27	-93	+0.2	-3.8	-2	+0.2
5. Bengal . . . . .	0.02	0.24	-0.22	-92	+0.2	-0.5	0	+0.9
6. Orissa . . . . .	0.51	0.33	+0.18	+55	-2.5	-0.2	+2	+1.7
7. Chota Nagpur . . . . .	0.03	0.19	-0.16	-84	-1.3	-0.7	-3	+1.5
8. Bihar . . . . .	0	0.11	-0.11	-100	+0.5	-1.0	0	0
9. United Provinces, East . . . . .	0	0.22	-0.22	-100	+0.9	-1.2	+6	+0.1
10. Do. do. West . . . . .	0	0.41	-0.41	-100	+1.0	-3.1	+1	-0.4
11. Punjab, East and North . . . . .	0	0.58	-0.58	-100	+1.3	-2.7	+3	-1.5
12. Do. Southwest. . . . .	0	0.33	-0.33	-100	+2.0	-3.0	+1	-1.4
13. Kashmir . . . . .	0	1.57	-1.57	-100	+3.2	-3.0	...	-3.7
14. North-West Frontier Province. . . . .	0	0.39	-0.39	-100	-0.6	-2.7	+7	-2.5
15. Baluchistan . . . . .	0.03	0.68	-0.65	-96	+5.3	-1.4	-9	-1.6
16. Sind . . . . .	0	0.11	-0.11	-100	+0.8	-1.1	-9	-0.7
17. Rajputana, West . . . . .	0	0.15	-0.15	-100	+2.1	-0.8	-6	-0.4
18. Do. East . . . . .	0	0.21	-0.21	-100	+0.3	-0.1	-3	-0.6
19. Gujarat . . . . .	0	0.04	-0.04	-100	+1.6	+2.5	-8	+0.9
20. Central India, West . . . . .	0.03	0.19	-0.16	-84	+0.2	+0.9	-4	+0.5
21. Do. do. East . . . . .	0	0.39	-0.39	-100	+1.7	-1.1	+10	-0.1
22. Berar . . . . .	1.06	0.55	+0.51	+93	-1.9	+1.7	+2	+2.7
23. Central Provinces, West. . . . .	0.12	0.42	-0.30	-71	-1.5	+0.2	-1	+1.1
24. Do. do. East. . . . .	0.15	0.24	-0.09	-37	-1.5	+1.0	+6	+2.3
25. Konkan . . . . .	0.06	0.15	-0.09	-60	+1.5	+3.1	0	+1.8
26. Bombay, Deccan . . . . .	0.41	0.30	+0.11	+37	-2.3	+0.9	+5	+2.5
27. Hyderabad, North . . . . .	0	0.44	-0.44	-100	-2.1	+1.3	+9	+1.7
28. Do. South . . . . .	0.26	0.18	+0.08	+44	-2.7	+0.6	+5	+2.2
29. Mysore . . . . .	1.56	0.40	+1.16	+290	-2.1	+2.4	+8	+3.6
30. Malabar . . . . .	3.60	1.44	+2.16	+150	-0.3	+2.1	+5	+2.1
31. Madras, Southeast . . . . .	9.94	4.72	+5.22	+111	-1.8	+1.2	+4	+1.0
32. Do. Deccan . . . . .	2.48	0.42	+2.06	+490	-5.5	+2.5	+13	+2.9
33. Do. Coast, North . . . . .	2.88	1.23	+1.65	+134	-2.3	+0.5	-1	+2.0

TABLE III, DECEMBER.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Cloud	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h., reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Harvest in month.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
<b>BAY ISLANDS.</b>																				
Port Blair .. .. .	29.873	+ .025	N. 52 E.	6.7	79.7	74.6	83.7	-1.9	85.7	77.0	+0.5	73.5	78	-2	5.3	7.72	+0.81	7	-0.7	5.11
<b>LOWER BURMA.</b>																				
Mergui .. .. .	29.914	+ .052	N. 66 E.	4.2	72.8	69.5	85.5	-1.3	90.0	68.5	+0.7	62.6	84	+5	2.8	1.31	+0.62	2	+0.5	1.20
Tavoy .. .. .	29.973	+ .048	N. 39 E.	1.4	72.3	67.1	89.4	+1.7	94.3	64.8	-0.9	58.5	76	-7	2.9	0	-0.36	0	-0.7	0
Moulmein .. .. .	29.935	+ .046	N. 67 E.	3.0	71.5	65.7	86.5	-0.9	91.1	66.2	-1.0	60.5	72	-11	1.6	0	-0.27	0	-0.4	0
Rangoon .. .. .	30.004	+ .054	N. 27 E.	3.8	68.8	63.6	88.2	+1.1	91.1	65.4	-2.0	60.4	73	-9	4.6	0	-0.37	0	-0.6	0
Bassien .. .. .	29.991	+ .047	N. 51 E.	3.1	69.2	63.7	85.5	+1.0	88.7	62.4	-3.2	55.3	73	-12	3.8	0	-0.40	0	-0.7	0
Diamond Island .. .. .	29.943	+ .031	N. 36 E.	8.9	74.7	68.6	82.8	-0.9	85.6	72.0	-0.5	68.8	72	-2	4.1	0.02	-0.90	0	-1.0	0.02
Toungoo .. .. .	29.866	+ .042	..	..	65.2	61.7	82.9	-0.2	88.2	58.5	-2.9	52.2	81	-8	4.6	0.01	-0.44	0	-0.6	0.01
Kyaukpyn .. .. .	30.002	+ .055	N. 46 E.	2.3	71.0	68.0	79.9	-0.1	85.3	66.0	-0.7	60.1	85	+3	4.0	0	-0.69	0	-0.8	0
Akyab .. .. .	30.011	+ .048	N. 23 E.	5.7	67.0	63.1	81.6	+0.9	87.1	60.5	-2.6	52.5	80	-10	4.6	0	-0.76	0	-0.9	0
<b>UPPER BURMA.</b>																				
Minbu .. .. .	29.884	+ .042	N. 41 W.	4.5	64.7	59.2	81.2	-1.2	85.9	59.3	-1.3	53.6	71	-7	4.1	0.16	-0.35	1	+0.3	0.16
Yamethin .. .. .	29.405	+ .070	..	..	62.1	59.3	80.7	-2.8	85.4	57.4	-1.1	52.0	84	-1	3.3	0.03	-0.47	0	-0.9	0.03
Mandalay .. .. .	29.826	+ .064	S. 45 E.	1.6	61.3	59.3	83.0	-0.5	89.4	55.8 <sup>(b)</sup>	-3.6	48.4	88	+3	3.4	0	-0.38	0	-0.8	0
Monywa .. .. .	29.813	+ .065	N. 7 W.	2.7	61.9	59.3	80.3	-0.9	85.8	56.8	-2.7	51.2	85	-2	4.2	0.01	-0.32	0	-0.8	0.01
Lushio .. .. .	27.264	+ .082	Calm.	0.9	51.2	50.4	70.6	-2.6	75.2	47.2	-1.4	36.4	94	0	5.1	0.33	-0.53	1	-0.4	0.30
Bhamo .. .. .	29.733	+ .077	N. 45 E.	1.1	54.8	54.0	73.9	-1.6	78.5	51.7 <sup>(c)</sup>	+0.4	41.6	95	0	6.8	0	-0.57	0	-1.0	0
Myitkyina .. .. .	29.616	+ .058	N. 21 E.	1.1	54.5	52.8	74.5	-0.5	78.0	50.9	-0.6	46.0	89	-1	2.6	0.03	-0.29	0	-1.4	0.03
<b>ASSAM.</b>																				
Dibrugarh .. .. .	29.759	+ .068	S. 45 E.	0	51.8	50.8	74.7	+1.3	79.9	46.7	-4.3	42.3	94	-1	3.9	0	-0.39	0	-1.1	0
Sibsagar .. .. .	29.806	+ .076	R.	0	50.8	50.4	74.1	+2.8	78.5	46.5	-4.1	42.1	97	-1	9.6	0.12	-0.40	1	-0.5	0.12
Tezpur .. .. .	29.883	+ .091	N. 45 E.	1.7	54.2	52.6	74.5	0	78.5	49.3	-4.2	44.0	90	-3	2.6	0	-0.23	0	-0.5	0
Gauhati .. .. .	29.936	+ .074	N. 31 E.	1.1	53.9	53.4	73.9	-1.4	78.3	48.0	-4.0	43.4	97	+2	6.7	0	-0.15	0	-0.4	0
Dhubri .. .. .	30.001	+ .074	N. 87 E.	5.6	58.9	55.9	72.3	-2.0	76.4	52.9	-2.2	48.2	82	-7	0.8	0	-0.07	0	-0.1	0
Silchar .. .. .	30.003	+ .069	N. 78 E.	0.4	56.3	54.3	80.2	+0.6	84.6	50.9	-3.8	44.7	88	-1	0.5	0	-0.39	0	-0.7	0
<b>BENGAL.</b>																				
Cox's Bazar .. .. .	29.994	+ .047	Calm.	0.6	63.7	61.6	79.6	+0.2	85.9	58.8	+0.6	52.3	88	+1	2.0	0.23	-0.43	1	+0.4	0.22
Chittagong .. .. .	29.956	+ .036	N. 45 E.	6.5	59.8	58.4	78.3	-0.1	83.3	56.7	-0.5	51.9	92	+3	3.4	0.02	-0.68	0	-0.8	0.01
Narayanganj .. .. .	30.046	+ .052	N. 29 E.	0.1	61.7	58.9	78.9	+1.0	84.7	56.7	-0.5	52.3	84	-2	2.4	0	-0.19	0	-0.5	0
Barisal .. .. .	30.047	+ .051	N. 45 E.	0.3	62.2	59.6	78.0	+0.4	84.2	56.7	+0.7	50.9	86	+1	1.8	0	-0.39	0	-0.7	0
Jessore .. .. .	30.058	+ .056	Calm.	0.4	60.7	58.7	76.1	-1.2	80.6	54.6	+0.1	49.2	89	+7	2.8	0	-0.20	0	-0.5	0
Calcutta .. .. .	30.067	+ .051	N. 8 W.	2.1	60.1	57.0	76.9	-0.1	81.3	57.0	+1.0	50.4	82	+1	3.6	0	-0.20	0	-0.4	0
Saugor Island .. .. .	30.067	+ .048	N. 20 E.	6.6	65.1	61.5	76.6	-0.1	84.6	58.9	+0.2	54.0	80	-7	3.5	0	-0.27	0	-0.5	0
Burdwan .. .. .	29.998	+ .055	N. 30 W.	1.5	60.3	55.6	79.0	+0.6	83.6	54.8	-1.0	49.0	73	0	4.0	0	-0.15	0	-0.3	0
Behampore .. .. .	30.043	+ .068	N. 13 W.	1.1	59.8	56.7	77.4	+1.0	82.1	53.3	-2.0	48.2	81	-3	2.4	0	-0.12	0	-0.3	0
Mymensingh .. .. .	30.019	+ .054	N. 56 E.	0.5	58.2	56.3	77.8	+0.8	82.9	54.8	-0.6	50.0	88	-1	2.3	0	-0.07	0	-0.3	0
Bogra (b) .. .. .	30.024	+ .065	N. 4 E.	1.0	59.0	56.8	74.7	-1.6	80.2	53.9	-0.1	47.6	87	+3	1.2	0	-0.05	0	-0.1	0
Dinajpur .. .. .	29.980	+ .070	N. 6 E.	1.7	56.7	53.7	76.3	-0.5	80.0	49.9	-1.4	44.2	81	-5	1.1	0	-0.06	0	+0.1	0
Jalpaiguri .. .. .	29.817	+ .053	N. 45 W.	0.9	54.2	52.2	77.9	+1.9	81.9	49.6	-3.2	45.4	87	-1	0.7	0	-0.11	0	-0.3	0
<b>ORISSA.</b>																				
Balasore .. .. .	30.020	+ .051	N. 12 W.	1.8	62.7	57.5	77.9	-2.0	83.7	55.1	-0.2	50.0	71	-7	4.1	0.37	+0.16	1	+0.6	0.37
Hukitala (False Point) .. .. .	30.051	+ .048	N. 3 E.	4.8	..	..	..	..	..	..	..	..	..	..	3.6	0.25	-0.35	1	+0.3	0.25
Cuttack .. .. .	30.005	+ .047	N. 7 E.	1.0	62.0	59.5	77.0	-4.0	80.2	57.9	-0.8	52.8	86	+8	4.4	0.80	+0.52	2	+1.5	0.68
Sambalpur .. .. .	29.590	+ .036	N. 9 E.	1.7	60.1	56.7	78.1	-1.6	81.7	54.1	+0.4	46.8	80	+5	3.0	0.64	+0.42	1	+0.7	0.64
<b>CHOTA-NAGPUR.</b>																				
Chaibasa .. .. .	29.335	+ .053	S. 48 W.	1.6	57.1	54.3	77.0	-1.0	80.0	50.7	0	45.8	82	-1	3.0	0.10	-0.08	1	+0.6	0.10
Rasahi .. .. .	27.918	+ .066	N. 8 E.	1.7	59.0	51.4	71.6	-1.5	76.6	49.4	-1.5	45.2	58	-6	3.1	0	-0.18	0	-0.5	0
Hazaribagh (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-0.21	0	-0.4	0	

(a) Reports only rainfall.

(b) Mean of 30 days.

(c) Mean of 29 days.]

(f) Mean of 26 days.

(g) Mean of 25 days.

TABLE III, DECEMBER.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h., reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Height fall in month.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
BIHAR.																				
Purnea .. .. .	29.986	+0.059	N. 60 W.	0.4	53.4	52.1	78.3	+2.0	84.1	46.5	-3.0	42.2	02	+2	1.0	0	-0.13	0	-0.2	
Darbhanga .. ..	29.559	+0.075	Calm.	0.4	53.4	54.7	75.9	+1.0	81.1	47.8	-4.3	44.9	78	-8	1.3	0	-0.08	0	-0.2	
Patna .. .. .	29.946	+0.073	S. 39 W.	1.3	57.4	53.6	71.5	+0.4	78.3	53.0	+1.2	43.5	77	+3	0.8	0	-0.09	0	-0.3	
Gaya .. .. .	29.743	+0.066	S. 4 E.	0.7	57.9	53.5	74.4	-1.7	77.7	62.4	+1.1	48.1	73	+2	0.4	0	-0.13	0	-0.2	
Naya Dumka .. ..	29.591	+0.051	N. 34 W.	1.4	58.3	53.7	76.3	+0.3	81.6	51.1	-0.1	46.6	72	0	1.5	0	-0.10	0	-0.2	
UNITED PROVINCES, EAST.																				
Gorakhpur .. .. .	29.864	+0.034	N. 72 W.	0.2	54.8	51.8	76.5	+2.4	80.5	46.1	-3.5	40.8	81	0	0.0	0	-0.14	0	-0.3	
Benares .. .. .	29.868	+0.065	S. 62 W.	0.6	56.1	53.0	75.4	+0.3	78.7	48.1	+0.5	43.4	80	0	1.4	0	-0.21	0	-0.5	
Allahabad .. ..	29.800	+0.056	N. 66 W.	0.9	52.6	50.4	75.9	+0.2	77.6	45.4	-2.3	41.9	86	+11	3.0	0	-0.23	0	-0.5	
Cawnpore .. .. .	29.639	+0.055	S.	0.5	53.0	50.7	75.6	+0.1	78.5	47.2	-0.1	44.5	84	+8	0.4	0	-0.18	0	-0.6	
Lucknow .. .. .	29.730	+0.052	N. 72 W.	0.3	51.1	49.8	76.5	+0.9	79.3	46.1	-0.4	43.1	92	+15	1.0	0	-0.28	0	-0.6	
Bahraich .. .. .	29.635	+0.066	S. 79 W.	0.5	53.5	50.7	76.4	+1.6	80.8	46.1	-1.6	39.5	81	0	0.6	0	-0.28	0	-0.6	
UNITED PROVINCES, WEST.																				
Jhansi .. .. .	29.234	+0.038	S. 34 W.	1.8	56.0	50.3	77.0	-1.1	82.6	46.8	-4.5	40.4	65	+5	1.3	0	-0.23	0	-0.7	
Agra .. .. .	29.535	+0.037	N. 47 W.	2.5	51.4	47.2	75.3	-1.6	79.3	42.7	-1.7	40.6	71	-6	1.0	0	-0.27	0	-0.7	
Mainpuri .. .. .	29.538	+0.065	N. 45 E.	0.2	53.6	48.5	78.3	+3.4	82.1	42.6	-4.0	39.6	67	-5	1.3	0	-0.34	0	-0.8	
Dareilly .. .. .	29.546	+0.039	N. 30 W.	0.9	52.0	49.5	75.8	+3.1	79.6	44.2	-1.7	37.2	83	+3	0.7	0	-0.33	0	-0.8	
Meerut (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-0.41	0	-1.1	
Roorkee .. .. .	29.181	+0.065	S. 45 E.	1.0	42.7	42.0	72.9	+1.4	78.0	39.5	-3.6	33.3	94	+10	1.3	0	-0.54	0	-1.2	
Dehra Dun (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-0.78	0	-1.4	
PUNJAB, EAST AND NORTH.																				
Delhi .. .. .	29.367	+0.052	N. 77 W.	0.8	52.5	49.5	71.6	-1.9	74.2	49.6	+0.3	44.3	(r) 61	..	1.6	0	-0.40	0	-0.9	
Liissar .. .. .	29.371	+0.051	S. 23 E.	(e) 2.5	45.1	40.8	75.9	+1.8	80.1	41.0	-1.8	35.1	66	-4	1.4	0	-0.29	0	-0.8	
Ambala .. .. .	29.136	+0.063	N. 47 E.	1.2	44.8	42.1	74.6	+2.5	79.9	38.0	-5.1	32.1	79	-1	1.5	0	-0.57	0	-1.3	
Ludhiana .. .. .	29.274	+0.050	N. 59 W.	0.9	43.4	41.3	73.7	+3.4	79.4	39.1	-5.3	33.2	82	+6	0.8	0	-0.65	0	-1.3	
Lahore .. .. .	29.333	+0.050	Calm.	0.3	49.7	39.7	72.1	-0.2	75.9	39.0	-2.1	35.3	90	+8	1.3	0	-0.36	0	-1.0	
Shikot .. .. .	29.236	+0.063	N. 77 E.	0.1	43.8	42.1	69.6	+0.3	73.5	38.7	-3.5	34.5	86	+7	1.0	0	-0.66	0	-1.2	
Rawalpindi .. .. .	23.405	+0.059	N. 54 E.	1.4	38.9	36.3	63.7	+2.9	74.2	36.2	-1.2	31.1	(d) 76	+1	0.2	0	-1.10	0	-2.0	
PUNJAB, SOUTHWEST.																				
Khushab .. .. .	29.512	+0.059	S. 27 E.	2.1	43.3	39.2	73.2	+1.5	81.4	35.6	-6.0	29.4	(d) 60	0	1.3	0	-0.45	0	-0.8	
Lyallpur .. .. .	29.437	+0.065	S. 21 E.	0.9	41.8	39.9	72.2	+2.2	77.9	37.9	-1.7	32.5	84	+4	2.0	0	-0.35	0	-0.7	
Montgomery .. ..	29.553	+0.055	N. 73 E.	0.6	49.2	44.3	73.5	+1.4	73.8	40.5	-2.1	33.9	65	+1	1.0	0	-0.30	0	-1.0	
Multan .. .. .	29.705	+0.053	N. 22 E.	1.0	48.1	43.9	76.3	+3.0	83.3	42.6	-2.2	37.5	70	+1	1.1	0	-0.22	0	-0.6	
KASHMIR.																				
Srinagar .. .. .	25.039	+0.036	S. 41 E.	1.8	26.4	..	51.8	+4.4	57.5	20.1	-7.5	12.7	..	..	1.6	0	-1.44	0	-3.6	
Sonamarg (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-5.61	0	-7.3	
Bas (g) .. .. .	29.939	+1.139	Calm.	0.1	6.6	..	29.3	+4.6	33.0	4.1	+5.2	-0.6	..	..	2.0	0	-1.73	0	-5.8	
Lah .. .. .	19.337	+1.151	N. 37 E.	1.0	13.7	..	33.4	+2.7	42.4	10.1	-2.7	5.8	..	..	1.8	0	-0.16	0	-0.5	
Sasandu .. .. .	23.123	+1.152	N.	0.1	17.9	..	41.8	+1.5	50.0	15.6	-6.1	10.5	..	..	2.3	0	-0.39	0	-1.2	
Gilgit .. .. .	25.442	+1.145	Calm.	0	33.3	..	52.4	+2.9	58.0	29.8	-3.7	26.4	..	..	2.6	0	-0.11	0	-0.3	
NORTH-WEST FRONTIER PROVINCE.																				
Peshawar .. .. .	28.905	+0.041	Calm.	0	37.5	36.0	68.6	0	72.6	35.5	-3.5	32.0	(c) 84	+12	1.0	0	-0.59	0	-1.3	
Dera Ismail Khan ..	29.556	+0.035	Calm.	0.1	45.7	32.1	70.5	-1.2	77.4	38.8	-1.8	32.8	73	+1	0.3	0	-0.20	0	-0.6	
BALUCHISTAN.																				
Fort Sandeman .. ..	25.559	+0.034	E.	0.5	34.5	..	67.2	+6.4	75.9	33.3	+2.1	26.8	..	..	1.3	0	-0.53	0	-1.2	
Harnai (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-0.36	0	-1.1	
Quetta .. .. .	24.773	+0.066	S.	0.9	25.0	..	61.8	+5.8	69.9	23.2	-5.5	15.3	..	..	1.1	0.12	-0.30	1	-1.3	
Chaman .. .. .	25.858	+0.071	S. 63 E.	3.3	49.7	34.8	63.9	+8.6	72.0	39.2	+0.3	28.2	(g) 48	-17	0.8	0.09	-1.12	0	-3.1	
Kalat .. .. .	23.825	+0.054	S. 3 E.	4.1	23.3	..	58.9	+3.0	67.8	20.4	-2.8	10.1	..	..	0.7	0.04	-0.91	0	-2.1	
Daibandin .. .. .	27.273	+0.023	N. 53 E.	2.6	38.4	34.6	69.9	+6.1	78.5	33.9	+0.5	22.6	(i) 51	-21	2.1	0	-0.52	0	-1.6	
Pasni .. .. .	30.106	+0.042	N. 29 W.	3.5	57.3	54.4	78.0	-0.3	84.2	59.3	-4.1	43.5	81	+10	0.5	0	-0.53	0	-1.2	
Lanjgur .. .. .	26.838	+0.050	N. 67 E.	4.0	39.7	36.2	72.1	+7.0	80.0	37.8	-0.3	30.2	(j) 60	-8	0.9	0	-0.41	0	-1.2	

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (d) Mean of 23 days. (e) Mean of 20 days. (f) Mean of 25 days. (g) Mean of 24 days. (h) Mean of 20 days. (i) Mean of 14 days. (j) Mean of 14 days.

TABLE III, DECEMBER.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Cloud	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h., reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.
<b>SINDH.</b>																				
Jacobabad .. .. .	29.962	+0.065	N. 22 W.	0.6	49.4	42.6	76.2	0	83.1	41.8	-2.4	35.0	53	-11	0.6	0	-0.13	0	-0.4	0
Hyderabad .. .. .	30.031	+0.053	N. 20 W.	3.0	56.5	47.8	78.6	0	85.6	51.4	-0.7	45.8	48	-9	0.8	0	-0.06	0	-0.2	0
Karachi .. .. .	30.105	+0.045	N. 27 E.	5.7	62.6	53.5	80.5	+2.3	85.0	50.1	-0.1	54.9	51	-6	2.4	0	-0.14	0	-0.5	0
<b>RAJPUTANA, WEST.</b>																				
Bikaner .. .. .	29.319	+0.049	S. 60 E.	1.9	53.0	44.3	77.7	+2.5	85.0	46.5	-3.1	39.9	44	-8	1.2	0	-0.18	0	-0.4	0
Jodhpur .. .. .	29.232	+0.041	N. 45 E.	2.0	58.9	48.1	81.4	+1.8	84.5	50.7	+1.5	47.3	38	-4	2.3	0	-0.12	0	-0.5	0
<b>RAJPUTANA, EAST.</b>																				
Jaisalmer .. .. .	28.656	+0.080	N. 67 E.	2.1	55.7	47.5	77.4	+0.2	80.7	48.7	0	40.6	51	-5	1.2	0	-0.21	0	-0.6	0
Ajmer .. .. .	28.457	+0.041	Calm	0.4	48.3	43.5	75.6	-0.1	81.0	46.5	+0.1	40.8	66	-4	0.5	0	-0.28	0	-0.5	0
Kotah .. .. .	29.236	+0.036	Calm	0	59.0	51.3	80.0	+0.9	85.8	52.6	-0.3	49.2	55	-1	1.5	0	-0.26	0	-0.6	0
Udaipur (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-0.08	0	-0.3	0
<b>GUJARAT.</b>																				
Deesa .. .. .	29.591	+0.036	N. 57 E.	6.5	65.6	51.0	87.9	+2.1	92.3	52.1	-0.2	45.0	29	-17	2.1	0	-0.04	0	-0.1	0
Bhuj .. .. .	29.722	+0.029	N. 30 E.	3.2	63.3	52.7	82.9	+1.1	87.2	53.5	-1.4	45.7	45	-12	2.5	0	-0.04	0	-0.1	0
Dwarka .. .. .	30.005	+0.008	N. 41 E.	8.5	69.2	61.2	83.4	+2.5	87.1	62.4	+1.3	55.2	61	-5	2.6	0	-0.04	0	-0.2	0
Rajkot .. .. .	29.568	-0.006	N. 57 E.	3.7	65.6	53.8	87.0	+2.0	91.3	57.8	+5.0	46.0	41	-7	3.0	0	-0.04	0	-0.1	0
Veraval .. .. .	29.994	+0.012	N. 36 E.	4.3	71.4	59.6	85.9	+1.8	92.9	67.2	+4.9	61.5	47	-3	2.5	0	-0.08	0	-0.2	0
Surat (b) .. .. .	29.984	+0.018	N. 87 E.	1.8	71.0	59.0	83.6	+0.9	92.4	63.4	+4.8	55.4	45	-16	2.2	0	-0.04	0	-0.1	0
Ahmadabad .. .. .	29.894	+0.030	N. 80 E.	4.5	68.1	57.6	87.1	+0.7	90.6	62.6	+3.3	56.1	49	+3	1.1	0	-0.03	0	0	0
<b>CENTRAL INDIA, WEST.</b>																				
Neemuch .. .. .	28.422	+0.028	E.	2.3	61.5	52.5	78.8	+0.3	82.9	49.7	+0.6	42.5	52	-2	1.5	0	-0.17	0	-0.5	0
Indore .. .. .	28.207	+0.027	S. 67 E.	1.0	61.7	53.0	80.0	+0.1	83.6	51.1	+1.3	42.7	53	-6	2.6	0.06	-0.15	0	-0.5	0.6
<b>CENTRAL INDIA, EAST.</b>																				
Nowgong .. .. .	29.331	+0.040	S. 17 E.	0.8	47.8	46.5	79.1	+4.1	84.9	44.2	-2.2	33.8	91	+17	1.5	0	-0.41	0	-0.6	0
Sutna .. .. .	29.025	+0.046	Calm	0.4	53.7	49.4	74.4	-0.8	77.8	47.1	-0.1	43.8	72	+3	1.5	0	-0.36	0	-0.8	0
<b>DERA.</b>																				
Akola .. .. .	29.113	+0.029	N. 80 E.	2.0	62.9	54.8	82.9	-1.5	88.0	54.9	+2.6	45.5	56	+1	4.0	1.43	+0.85	3	+2.0	1.00
Amraoti .. .. .	28.825	+0.036	N. 50 E.	3.8	65.3	56.2	80.8	-2.3	84.0	58.3	+0.8	52.1	54	+3	4.5	0.69	+0.29	2	+1.3	0.25
<b>CENTRAL PROVINCES, WEST.</b>																				
Khandwa .. .. .	28.995	+0.031	N. 70 E.	2.5	61.7	54.0	82.2	-1.4	87.4	51.7	+0.6	41.0	58	0	1.9	0.65	+0.37	2	+1.6	0.35
Hoshangabad .. .. .	29.066	+0.042	N. 52 E.	1.3	57.4	50.9	79.2	-0.3	82.4	51.7	+0.1	43.6	61	-6	3.1	0	-0.43	0	-0.7	0
Saugor .. .. .	28.233	+0.034	S. 74 E.	3.4	59.7	50.6	75.6	-1.4	80.2	51.7	-0.9	45.8	50	-2	2.5	0	-0.44	0	-0.6	0
Jubbulpore .. .. .	28.717	+0.037	S. 3 E.	0.8	55.1	50.9	76.5	-0.5	81.3	47.0	+0.3	42.1	74	0	2.0	0	-0.29	0	-0.6	0
Seoni .. .. .	28.002	+0.032	N. 32 E.	1.2	58.4	52.9	75.1	-2.6	79.0	50.6	+0.4	43.4	68	+6	3.0	0	-0.53	0	-0.3	0
Nagpur .. .. .	29.039	+0.040	N. 48 E.	2.6	62.3	54.5	78.7	-3.0	82.1	55.0	+0.8	49.0	57	-3	3.5	0.08	-0.46	0	-0.9	0.03
<b>CENTRAL PROVINCES, EAST.</b>																				
Pendra (b) .. .. .	27.989	+0.029	N. 24 W.	2.9	57.6	53.1	73.9	-1.3	76.7	51.4	+1.6	43.4	74	+14	2.7	0	-0.27	0	-0.5	0
Rajpur .. .. .	29.066	+0.027	N. 49 W.	2.0	59.5	55.4	78.2	-1.3	81.8	54.4	+0.3	51.1	76	+11	4.8	0	-0.24	0	-0.4	0
Chanda .. .. .	29.430	+0.049	N. 23 W.	1.7	62.7	57.7	80.7	-2.0	84.5	52.6	+0.4	45.4	72	-1	4.9	0.59	+0.55	2	+1.3	0.44
Jagdalpur .. .. .	28.194	+0.026	N. 85 E.	1.5	58.9	55.6	77.8	-1.4	81.8	53.3	+1.7	43.2	81	-1	4.4	0	-0.29	0	-0.5	0
<b>KONKAN.</b>																				
Bombay .. .. .	29.948	+0.006	N. 80 E.	6.1	74.4	67.7	87.2	+2.5	92.1	72.8	+2.8	67.9	69	-3	2.8	0	-0.05	0	-0.1	0
Ratnagiri .. .. .	29.761	+0.014	S. 77 E.	6.1	77.4	66.8	89.0	+0.7	94.0	71.4	+3.9	68.8	55	+1	0.8	0	-0.08	0	-0.2	0
Marmagao .. .. .	29.913	+0.020	N. 69 E.	4.9	..	..	..	..	..	..	..	..	..	..	4.3	0.16	-0.07	1	+0.6	0.16
Karwar .. .. .	29.916	+0.013	N. 7 E.	1.9	71.7	67.6	83.7	+1.2	92.2	69.9	+2.5	61.9	80	+2	3.7	0.69	-0.14	0	-0.3	0.09
<b>BOMBAY DECCAN.</b>																				
Malegaon .. .. .	28.590	+0.027	N. 88 W.	2.8	63.0	54.3	83.7	-1.2	87.6	54.0	+2.0	45.8	55	+1	3.5	1.03	+0.89	2	+1.7	0.76
Ahmadnagar .. .. .	27.865	+0.026	S. 12 E.	3.5	63.8	55.9	79.8	-3.6	82.9	51.5	-1.2	40.4	59	+3	4.0	0	-0.41	0	-0.5	0
Poona .. .. .	28.153	+0.019	N. 71 E.	2.0	63.8	55.6	83.4	-1.3	88.5	55.0	+2.9	48.4	57	-4	3.8	0	-0.18	0	-0.5	0
Sholapur .. .. .	28.440	+0.032	S. 73 E.	6.4	67.8	59.9	82.1	-2.0	86.0	58.1	-0.2	43.7	61	+11	3.1	0.93	-0.42	0	-0.6	0.03
Bijapur .. .. .	28.056	+0.033	S. 88 E.	2.1	65.1	59.0	80.5	-3.9	84.8	50.8	+2.0	51.3	69	+4	5.2	0.76	+0.53	4	+3.5	0.38
Belgaum .. .. .	27.436	+0.030	N. 75 E.	3.3	64.5	59.1	80.0	-1.8	85.1	59.0	+0.6	51.8	72	+12	6.7	0.59	+0.22	1	+0.5	0.53
<b>HYDERABAD, NORTH.</b>																				
Aurangabad .. .. .	28.120	+0.010	N. 89 E.	4.8	64.1	55.2	81.3	-2.5	85.2	57.2	+1.9	48.5	55	+6	5.0	0	-0.29	0	-0.6	0
Parbhani (a) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-0.34	0	-1.0	0
Nizamabad .. .. .	28.767	+0.053	N. 85 E.	0.8	62.9	58.8	81.0	-1.6	86.5	54.8	+0.7	46.3	77	+11	2.1	0	-0.19	0	-0.4	0

(a) Reports only rainfall.

(b) Mean of 30 days.

(c) Mean of 29 days.

(d) Mean of 27 days.

(e) Mean of 20 days.

(f) Mean of 18 days.

TABLE III, DECEMBER.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLLOUD	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	At 8 h., reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	MEAN 8 h.		MAXIMUM.			MINIMUM.			Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
<b>HYDERABAD, SOUTH.</b>																				
Gulbarga .. ..	28-504	+·024	N. 50 E.	6·1	64·4	57·6	83·5	-2·0	88·0	58·8	+0·3	51·0	65	+5	4·5	0·11	-0·05	0	-0·3	0·0
Raichur .. ..	28-692	+·036	S. 88 E.	4·0	69·5	63·2	82·3	-2·6	86·8	64·1	+0·4	57·2	69	+4	2·5	0·69	+0·54	3	+2·8	0·3
Hyderabad .. ..	28-300	+·035	S. 60 E.	2·7	65·4	60·1	78·5	-3·9	83·4	59·2	+0·9	52·2	73	+1	5·4	0·15	-0·04	1	+0·6	0·1
Hanamkonda .. ..	29-149	+·032	S. 31 E.	1·3	66·0	61·3	81·0	-2·5	86·4	61·8	+0·9	56·2	75	+11	5·0	0·08	-0·14	0	-0·4	0·0
<b>MYSORE.</b>																				
Chitaldrug .. ..	27-582	+·030	S. 71 E.	0·9	67·8	63·1	78·4	-3·7	84·8	63·0	+1·8	58·2	77	+10	8·6	2·11	+1·77	3	+2·4	1·1
Bangalore .. ..	26-986	+·019	N. 79 E.	5·7	64·9	62·3	78·7	-0·2	83·0	60·9	+2·4	55·8	85	+6	6·9	1·10	+0·62	3	+1·7	0·4
Mysore .. ..	27-459	+·016	N. 50 E.	3·3	68·1	64·8	79·4	-2·4	84·4	63·3	+2·9	59·5	84	+9	6·5	1·49	+1·12	4	+3·1	0·6
<b>MALABAR.</b>																				
Mangalore .. ..	29-868	+·002	N. 78 E.	4·4	78·4	71·9	89·3	+0·4	92·5	73·0	+2·6	68·1	72	+5	5·1	0·64	+0·14	2	+1·3	0·3
Calicut .. ..	29-898	+·007	S. 76 E.	2·6	78·5	74·4	89·4	+2·5	92·6	73·2	+2·1	69·6	81	+2	5·7	6·26	+5·17	7	+5·2	2·3
Cochin .. ..	29-920	+·017	N. 74 E.	3·0	79·0	73·7	85·3	-3·4	88·8	74·8	+2·0	69·8	77	+3	4·2	2·63	+0·89	6	+3·4	1·0
Trivandrum .. ..	29-714	+·013	N. 84 E.	2·3	76·5	74·5	82·4	-0·9	84·9	74·6	+1·7	72·7	91	+11	5·9	4·88	+2·44	9	+5·4	1·3
<b>MADRAS SOUTHEAST.</b>																				
Tinnevely (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9·07	+5·07	12	+6·6	1·7
Pamban .. ..	29-905	+·016	N. 10 E.	11·7	77·4	74·5	81·4	-1·2	83·6	75·0	+0·5	72·9	87	-1	4·6	17·17	+9·68	9	-0·4	8·8
Madura .. ..	29-498	+·005	N. 42 E.	4·0	74·2	71·0	84·4	-1·6	89·4	71·5	+1·1	68·8	85	+9	7·1	5·36	+3·59	6	+2·5	2·6
Negapatam .. ..	29-933	+·028	N. 1 E.	8·9	75·6	73·2	81·2	-0·9	84·1	73·1	+1·1	68·9	88	+5	6·2	14·39	+2·99	13	+3·7	3·1
Trichinopoly .. ..	29-725	+·026	N. 23 E.	3·5	77·1	72·6	85·8	+0·4	90·7	70·9	+1·6	67·3	80	+3	5·5	3·56	+0·95	8	+3·4	1·3
Coimbatore .. ..	28-619	+·016	N. 56 E.	2·3	71·7	68·8	79·8	-4·9	83·9	67·3	+1·6	62·7	86	+4	5·3	5·13	+3·95	6	+3·4	1·0
Salem .. ..	29-059	+·025	N. 45 E.	3·4	73·3	69·1	84·4	-1·8	91·1	67·3	+1·8	62·3	80	+3	5·5	8·10	+2·12	5	+2·8	1·2
Cuddalore .. ..	29-959	+·040	N. 3 E.	5·1	73·8	71·9	80·8	-2·0	83·9	71·0	+1·1	66·9	91	+5	6·2	17·93	+10·70	14	+7·8	4·5
Madras .. ..	29-977	+·029	N. 3 E.	5·1	74·7	72·3	81·0	-2·4	85·4	70·6	+0·7	65·2	89	+6	5·6	13·78	+7·97	19	+7·8	2·7
<b>MADRAS DECCAN.</b>																				
Cuddapah .. ..	29-582	+·029	N. 81 E.	..	71·4	68·9	80·6	-5·9	86·6	67·3	+2·0	61·7	88	+11	6·8	3·26	+2·36	8	+6·5	0·9
Bellary .. ..	28-516	+·025	S. 72 E.	2·4	69·0	65·4	80·2	-5·9	86·2	63·7	+2·2	59·0	83	+17	5·0	2·38	+2·27	3	+2·7	1·3
Kurnool .. ..	29-076	+·023	E.	0·6	67·6	64·0	82·0	-4·7	88·2	63·3	+3·2	57·7	82	+10	5·2	1·79	+1·55	4	+3·6	0·7
<b>MADRAS COAST, NORTH.</b>																				
Nellore .. ..	29-957	+·040	N. 14 W.	2·4	71·7	70·0	79·8	-4·1	84·3	68·9	+0·8	63·8	91	+5	6·4	15·64	+12·45	10	+6·9	4·0
Masulipatam .. ..	30-022	+·024	N. 7 E.	5·2	71·3	68·3	79·9	-3·2	82·7	67·1	+0·6	60·1	75	-6	4·9	0·60	-0·27	3	+1·9	0·2
Cocanada .. ..	30-012	+·029	N. 81 E.	8·4	71·2	66·0	78·9	-1·6	81·5	66·6	+0·4	60·4	74	0	5·9	0·18	-0·69	1	+0·1	0·14
Vizagapatam .. ..	30-011	+·039	N. 1 E.	5·4	72·7	64·4	79·0	-1·8	81·4	68·5	+0·4	62·9	62	-1	5·7	0·60	-0·13	1	0	0·57
Calingsapatam .. ..	30-041	+·043	N. 4 E.	8·0	68·5	63·8	78·1	-2·8	80·3	63·1	+0·9	57·5	76	-5	4·1	0·03	-0·98	0	-0·7	0·04
Gopalpur .. ..	30-028	+·049	N.	6·3	66·0	61·7	79·5	-0·4	82·7	60·6	-0·4	55·6	77	0	3·5	0·22	-0·52	1	+0·1	0·20
<b>HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN.</b>																				
Maymyo .. ..	26-521	+·055	N. 72 E.	1·5	50·9	50·1	69·5	0	75·4	43·4	-0·1	35·4	95	+2	4·1	0	-0·64	0	-1·2	0
Shillong (b) .. ..	25-228	+·060	N. 84 E.	1·2	48·9	43·5	61·9	+0·3	68·7	39·1	-0·6	31·9	64	-8	1·6	0	-0·19	0	-0·6	0
Cherrapunji .. ..	25-794	+·071	N. 58 E.	3·4	57·2	46·5	63·3	+1·4	72·1	48·3	+0·9	40·9	43	-25	2·5	0	-0·31	0	-0·7	0
Darjiling .. ..	23-030	+·068	N. 84 E.	1·5	44·1	37·0	53·3	+3·9	62·9	38·9	+2·2	33·9	52	-24	0·5	0	-0·24	0	-0·6	0
Mukteswar .. ..	22-912	+·065	N. 65 W.	3·8	45·3	35·2	55·0	+1·0	59·6	40·4	+2·4	33·9	30	-11	2·0	0	-0·69	0	-1·4	0
Mussooree (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	-1·13	0	-1·6	0	
Shakrata .. ..	23-467	+·058	N. 66 E.	5·8	48·8	39·1	55·9	+0·5	62·3	40·9	+1·7	35·1	41	-6	1·0	0	-1·28	0	-2·2	0
Simla .. ..	23-186	+·069	S. 52 E.	3·5	44·4	34·2	52·8	+3·0	58·5	42·2	+2·9	37·1	26	-13	1·7	0	-1·11	0	-2·0	0
Dalhousie (a) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	..	..	0	..	0
Murree .. ..	24-095	+·091	S. 39 E.	4·2	51·6	36·8	56·3	+4·8	63·5	45·3	+6·7	39·2	17	-30	0·8	0	-1·57	0	-2·8	0
Cherat .. ..	25-861	+·071	N. 3 W.	7·7	51·6	41·3	59·8	+5·6	65·9	47·3	+5·2	39·7	39	-5	2·0	0	-1·46	0	-1·9	0
Parachinar .. ..	24-574	+·082	Calm.	0	43·7	36·0	62·6	+8·3	73·4	33·6	+1·4	27·7	40	-22	1·0	0	-1·17	0	-3·2	0
Drosh .. ..	25-254	+·037	E.	1·3	41·3	34·3	58·4	+7·1	65·0	39·1	+4·1	35·0	37	-27	0·4	0	-1·07	0	-3·2	0
Mount Abu .. ..	26-154	+·041	N. 68 E.	3·1	61·1	48·9	69·9	+1·7	73·9	52·3	+0·4	48·4	39	-3	3·4	0	-0·12	0	-0·3	0
Fachmarhi .. ..	26-571	+·044	S. 81 E.	1·5	55·8	51·3	70·2	-0·6	73·2	43·2	-2·6	34·4	74	+10	3·6	0	-0·46	0	-0·7	0
Meroara .. ..	26-224	+·011	N. 62 E.	5·5	62·0	60·4	72·3	-2·9	76·6	58·7	+1·2	52·4	91	+7	9·4	3·96	+3·22	4	+2·9	2·13
Kodaikanal .. ..	22-805	+·013	N. 83 E.	7·2	54·7	51·2	60·9	-1·4	66·7	49·3	+1·7	42·5	82	+17	5·9	13·45	+9·03	14	+7·6	3·19
<b>CEYLON.</b>																				
Coleombo .. ..	29-881	+·009	N. 28 E.	3·0	74·1	72·3	86·8	+0·2	90·0	73·4	+0·8	70·5	91	+6	5·8	8·52	+3·04	11	+3·5	2·04

(a) Reports only rainfall. (b) Mean of 33 days. (c) Mean of 29 days. (f) Mean of 26 days. (h) Mean of 24 days. (i) Mean of 23 days. (l) Mean of 20 days.  
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